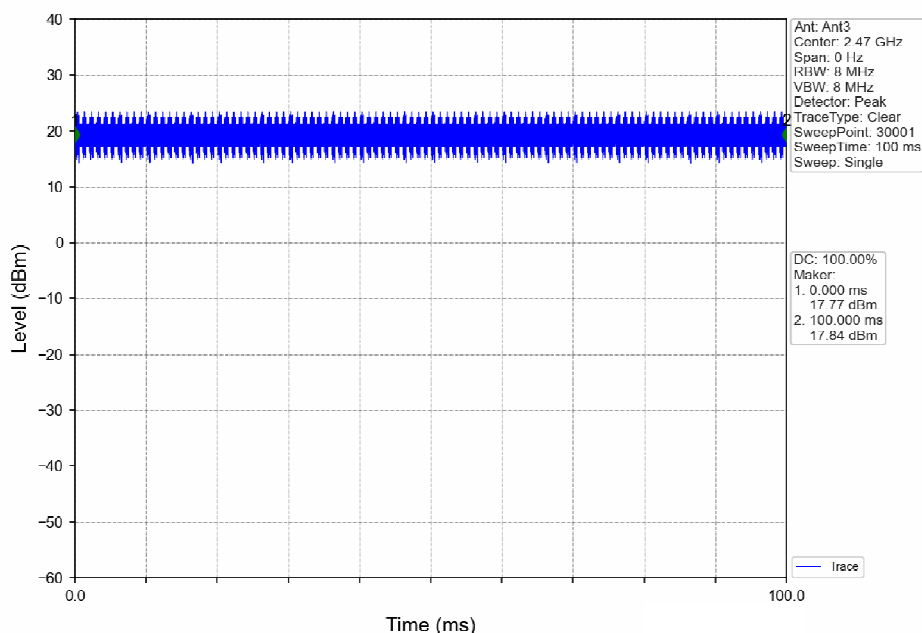
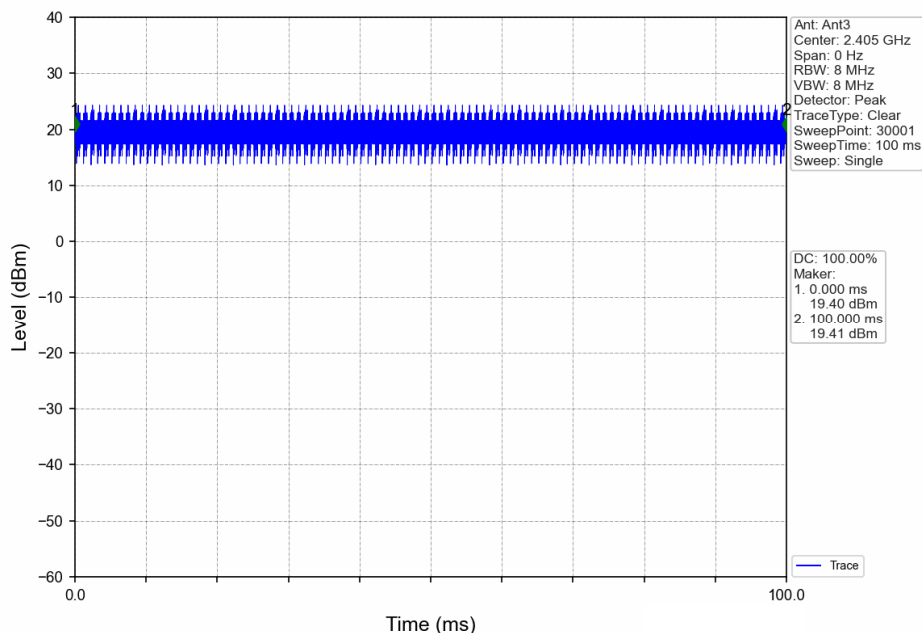


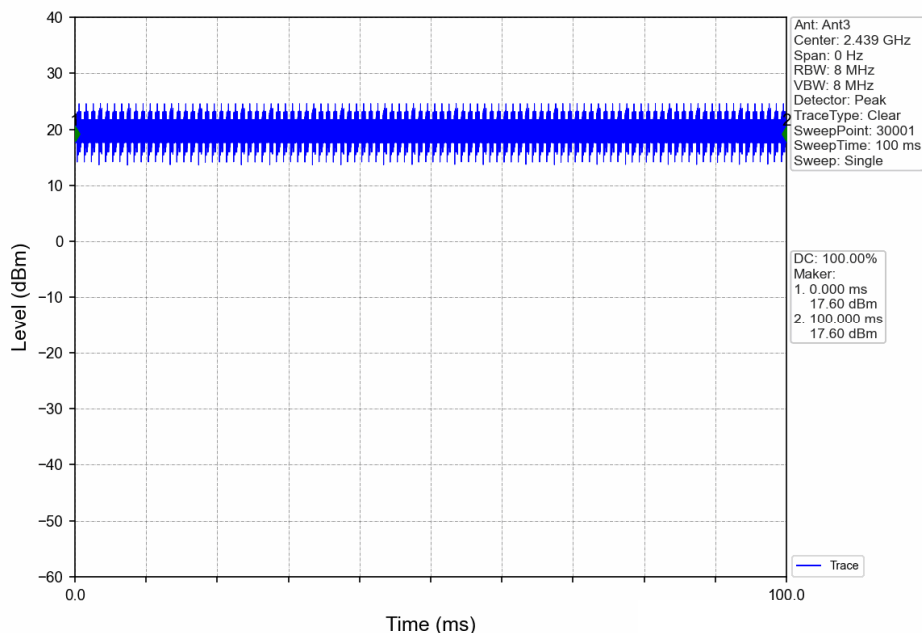
1.4MHz BW\_HCH\_2469.5MHz\_Ant3\_NTNV



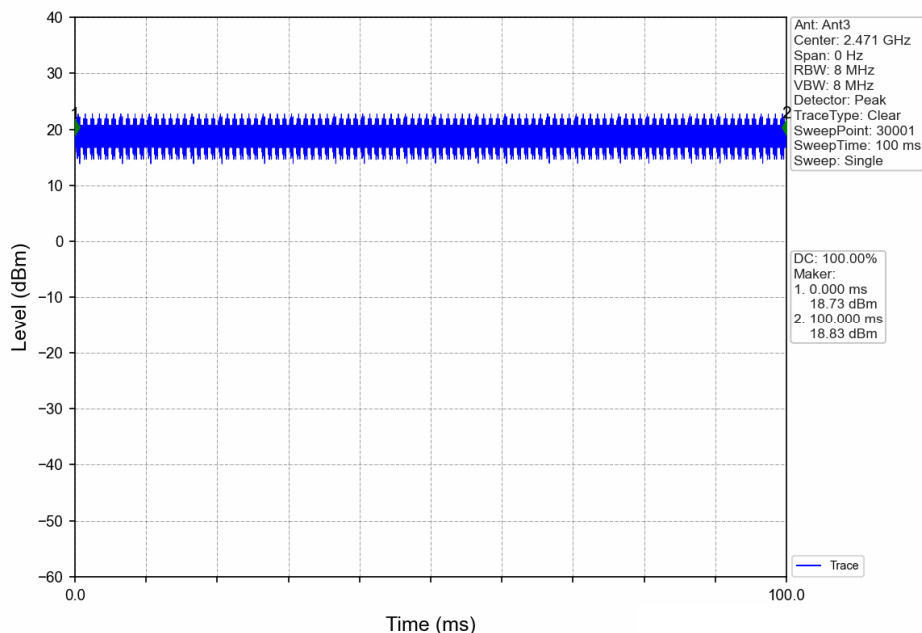
1.4MHz CA BW\_LCH\_2405.12MHz\_Ant3\_NTNV



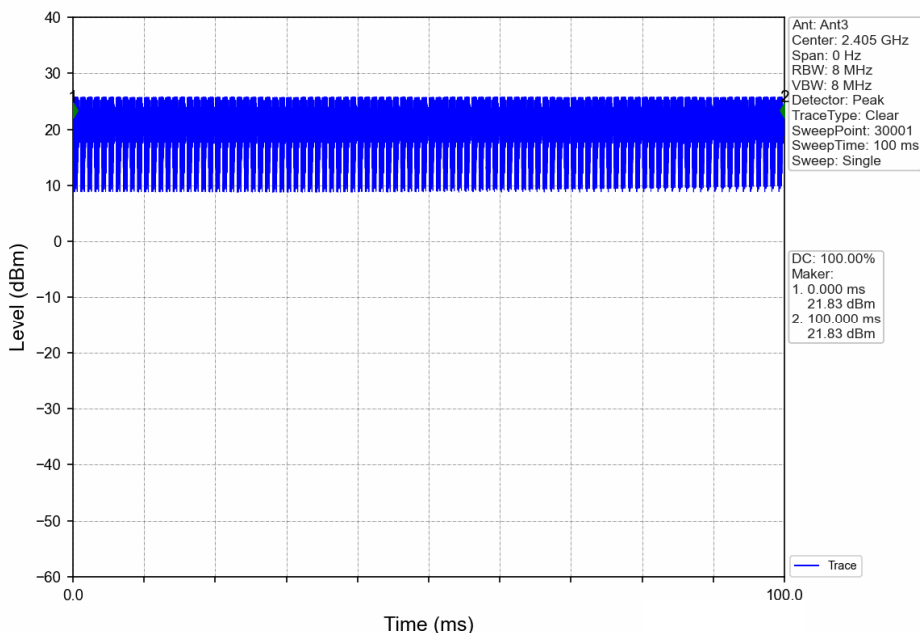
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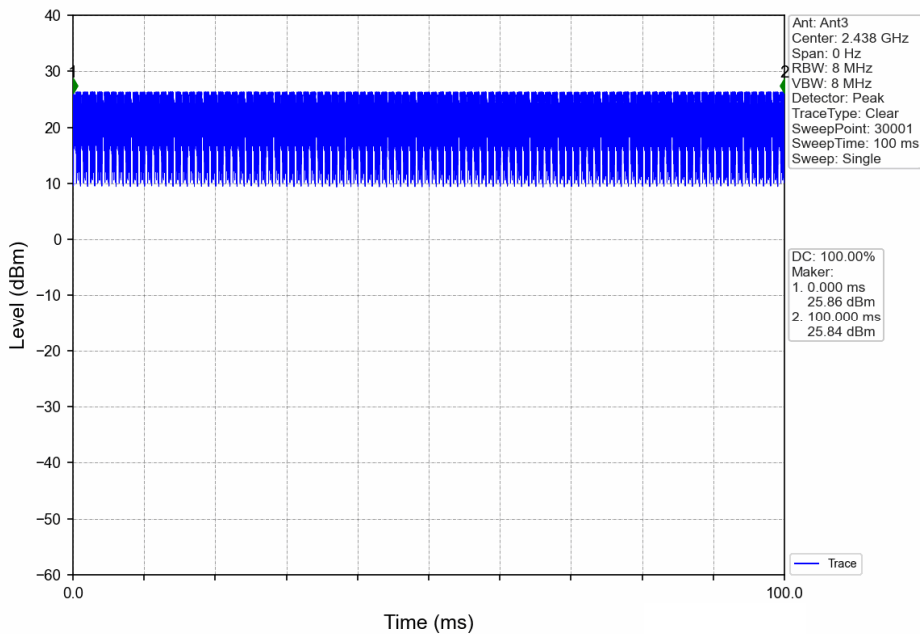
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3MHz BW\_LCH\_2405.5MHz\_Ant3\_NTNV



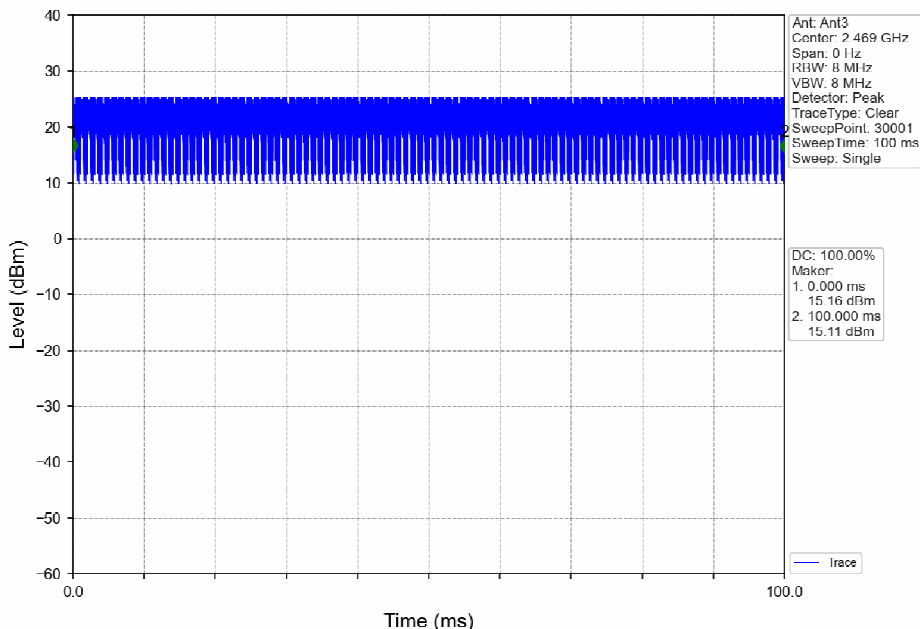
3MHz BW\_MCH\_2438.5MHz\_Ant3\_NTNV



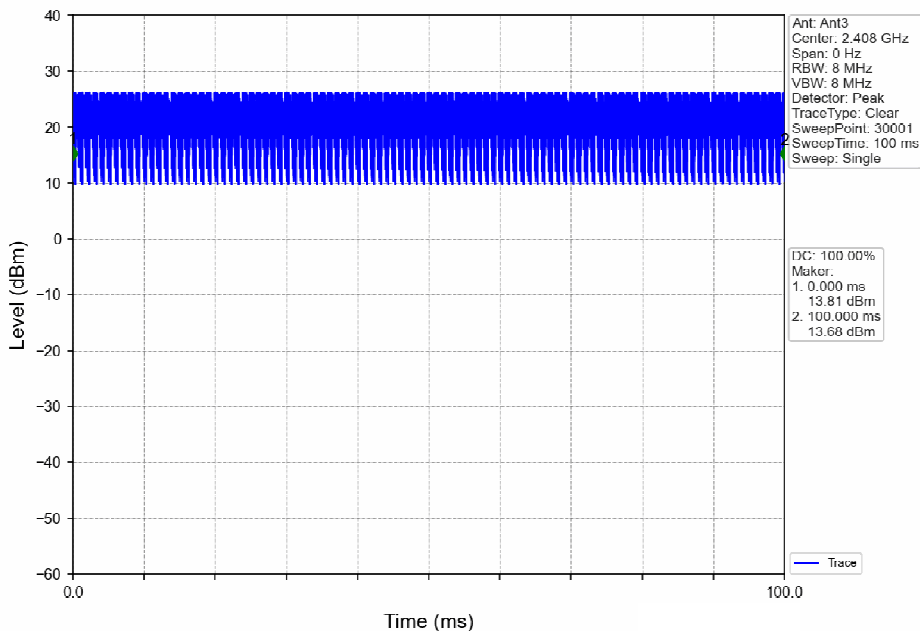
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3MHz BW\_HCH\_2468.5MHz\_Ant3\_NTNV

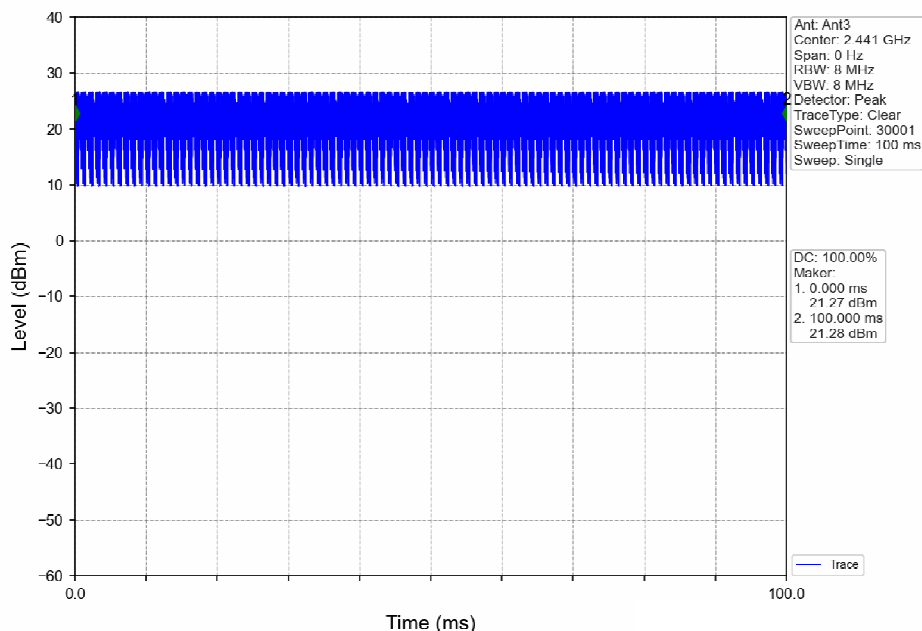


3MHz CA BW\_LCH\_2408.2MHz\_Ant3\_NTNV

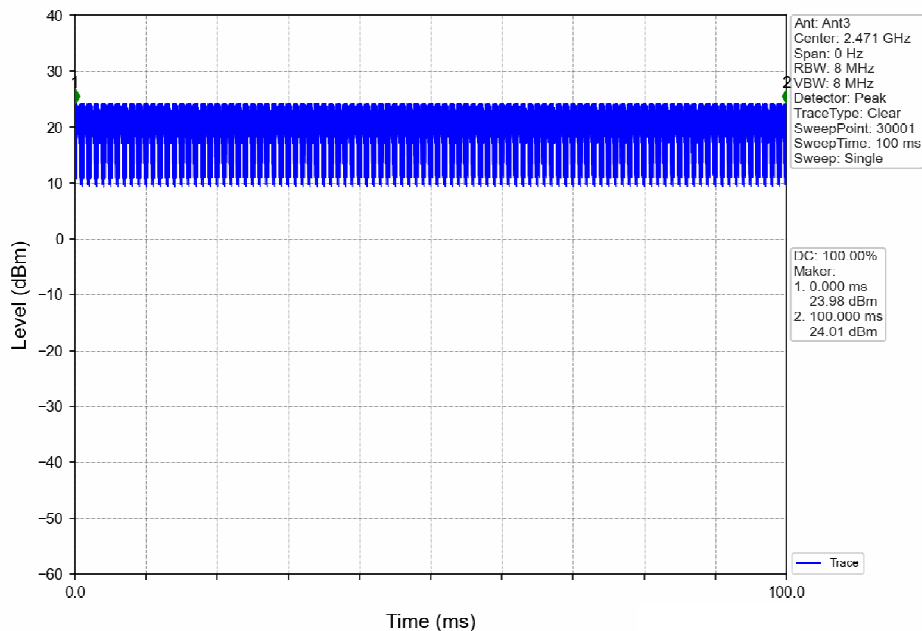


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3MHz CA BW\_MCH\_2441.2MHz\_Ant3\_NTNV

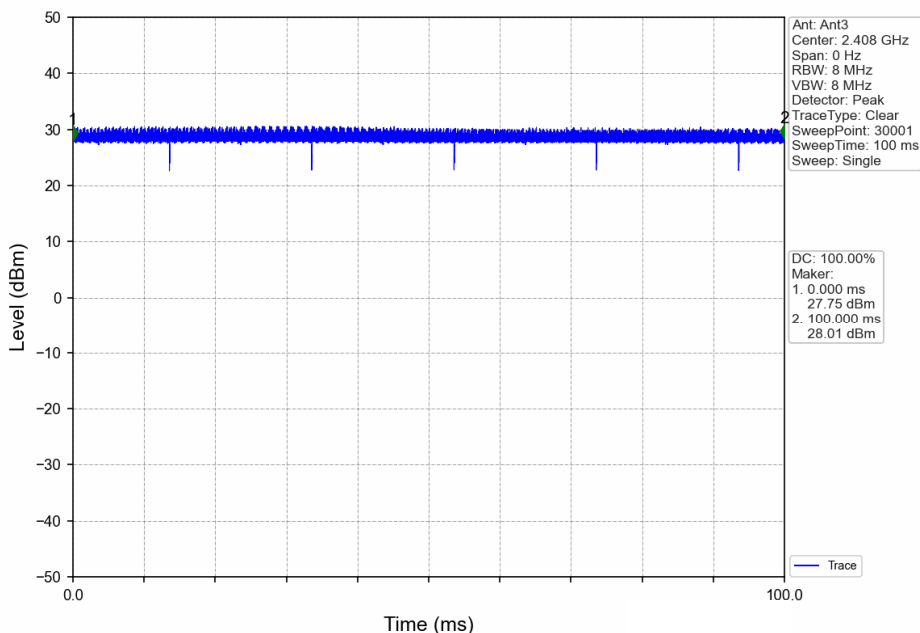


3MHz CA BW\_HCH\_2471.2MHz\_Ant3\_NTNV

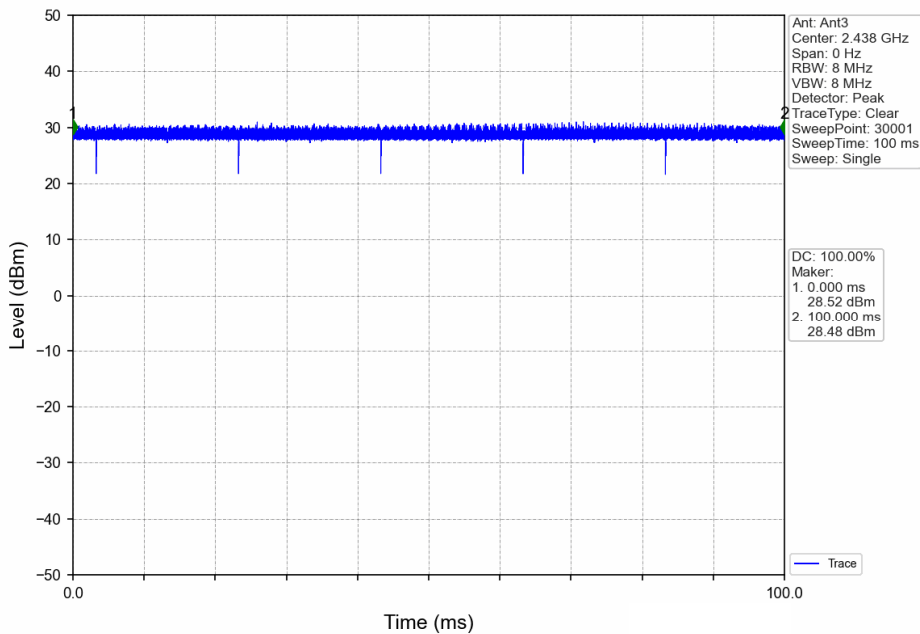




10MHz BW\_LCH\_2407.5MHz\_Ant3\_NTNV

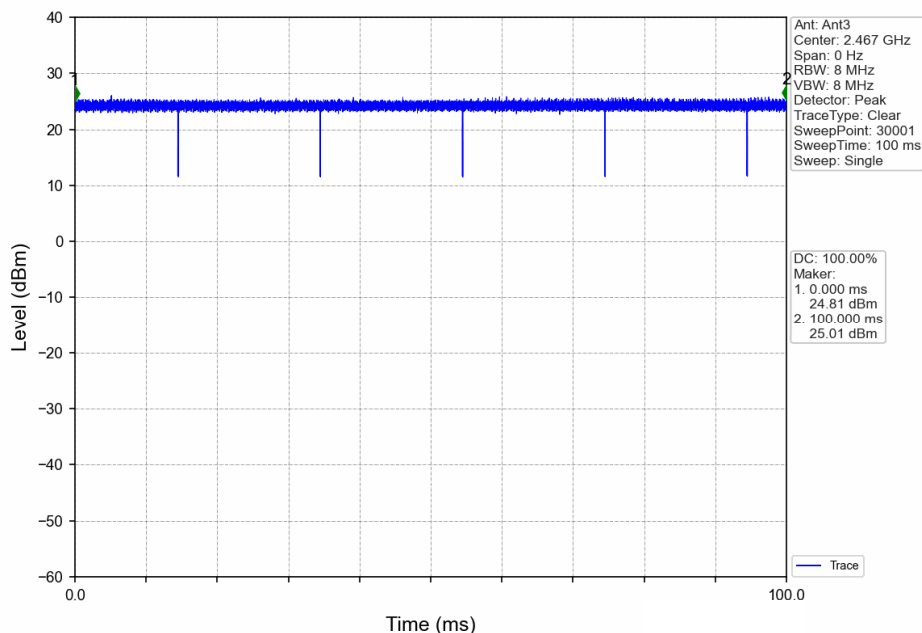


10MHz BW\_MCH\_2437.5MHz\_Ant3\_NTNV

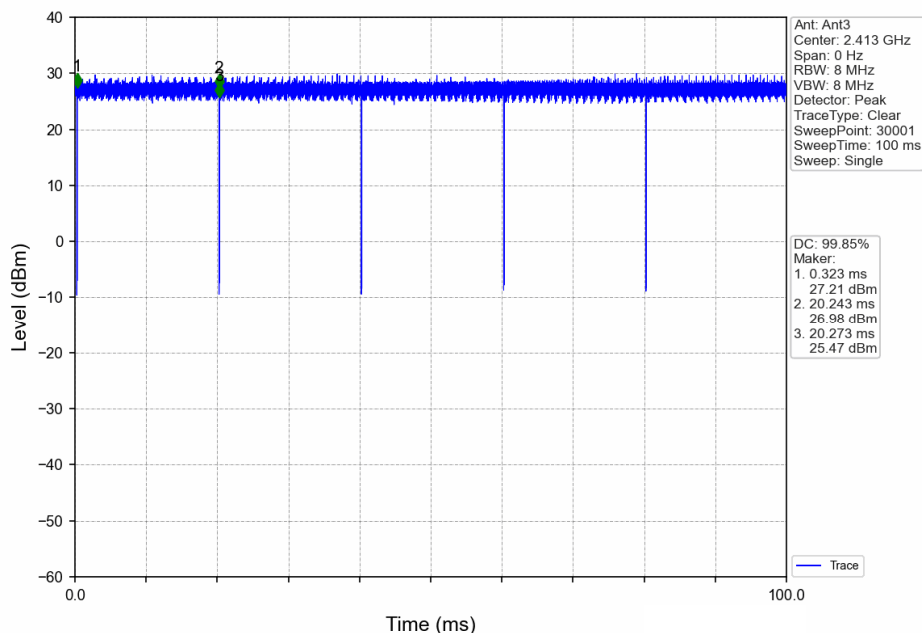


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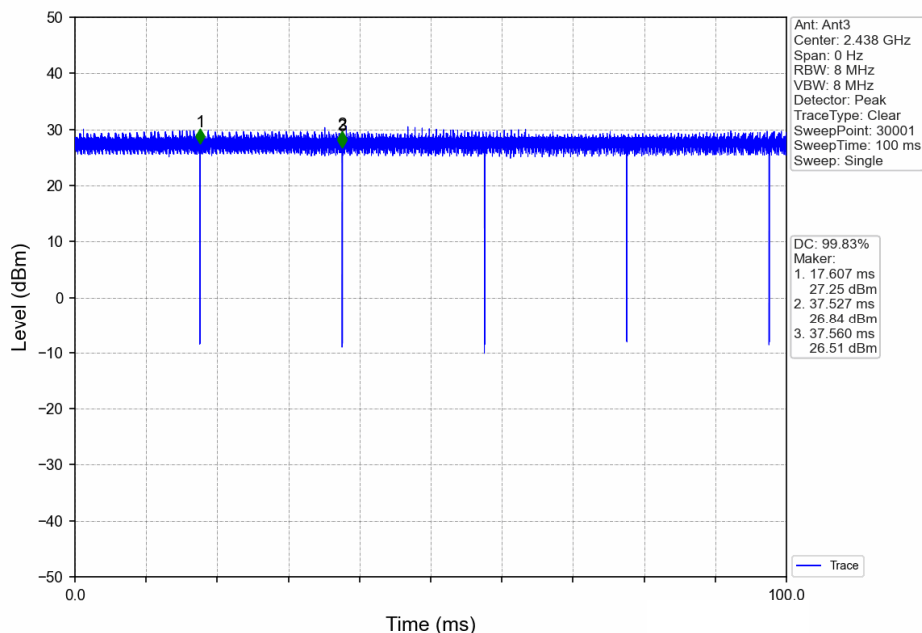
10MHz BW\_HCH\_2467.5MHz\_Ant3\_NTNV



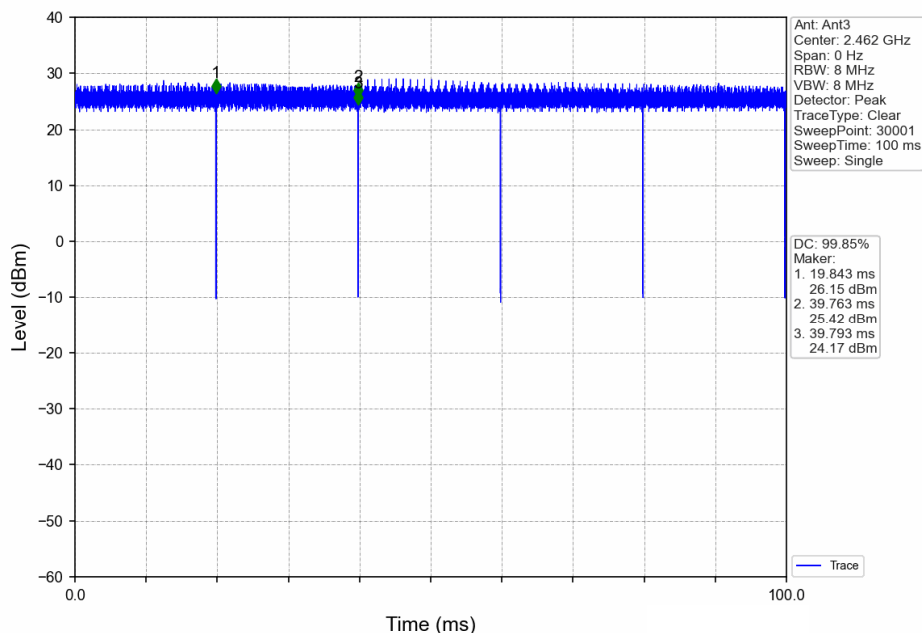
20MHz BW\_LCH\_2412.5MHz\_Ant3\_NTNV



20MHz BW\_MCH\_2437.5MHz\_Ant3\_NTNV

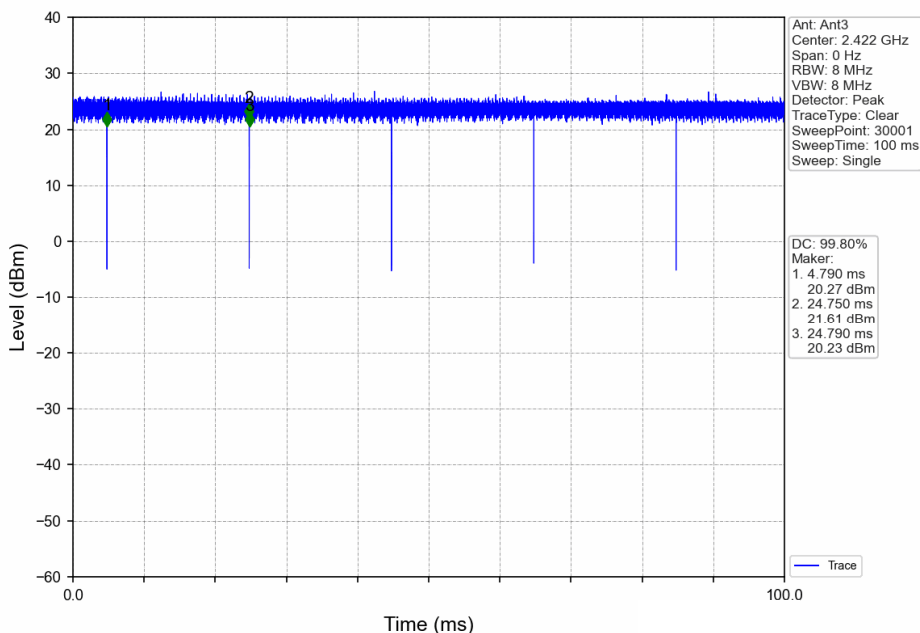


20MHz BW\_HCH\_2462.5MHz\_Ant3\_NTNV

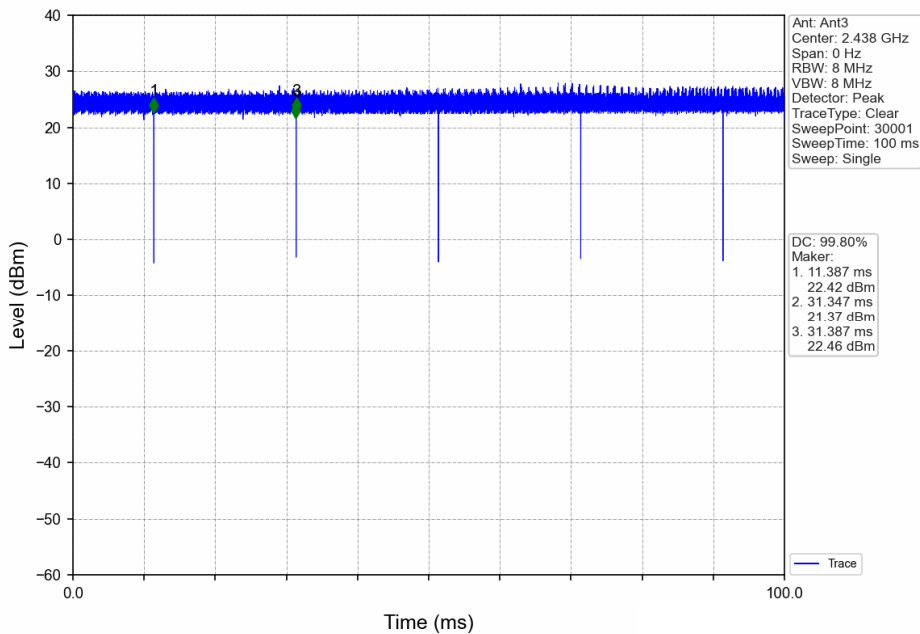




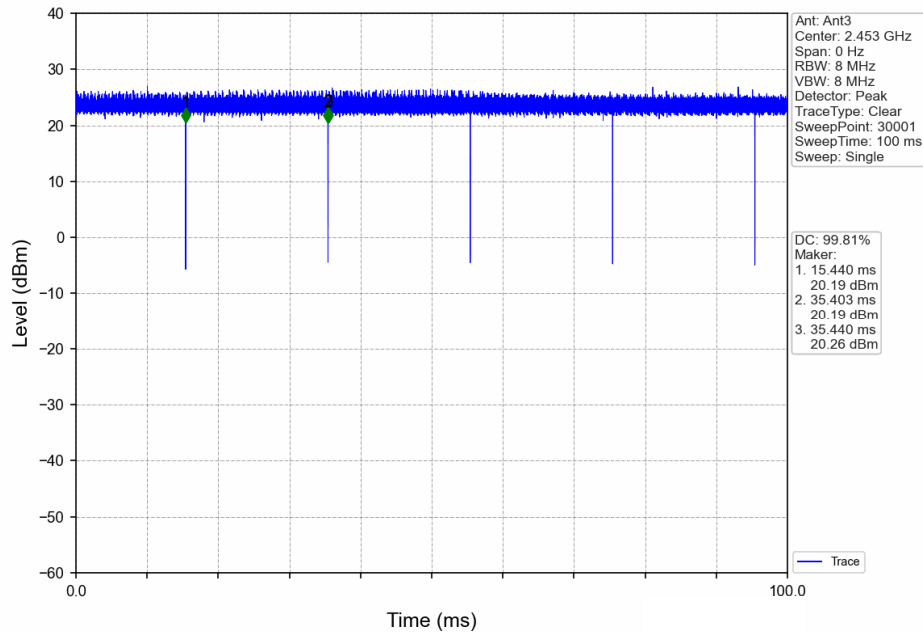
40MHz BW\_LCH\_2422.5MHz\_Ant3\_NTNV



40MHz BW\_MCH\_2437.5MHz\_Ant3\_NTNV



## 40MHz BW\_HCH\_2452.5MHz\_Ant3\_NTNV



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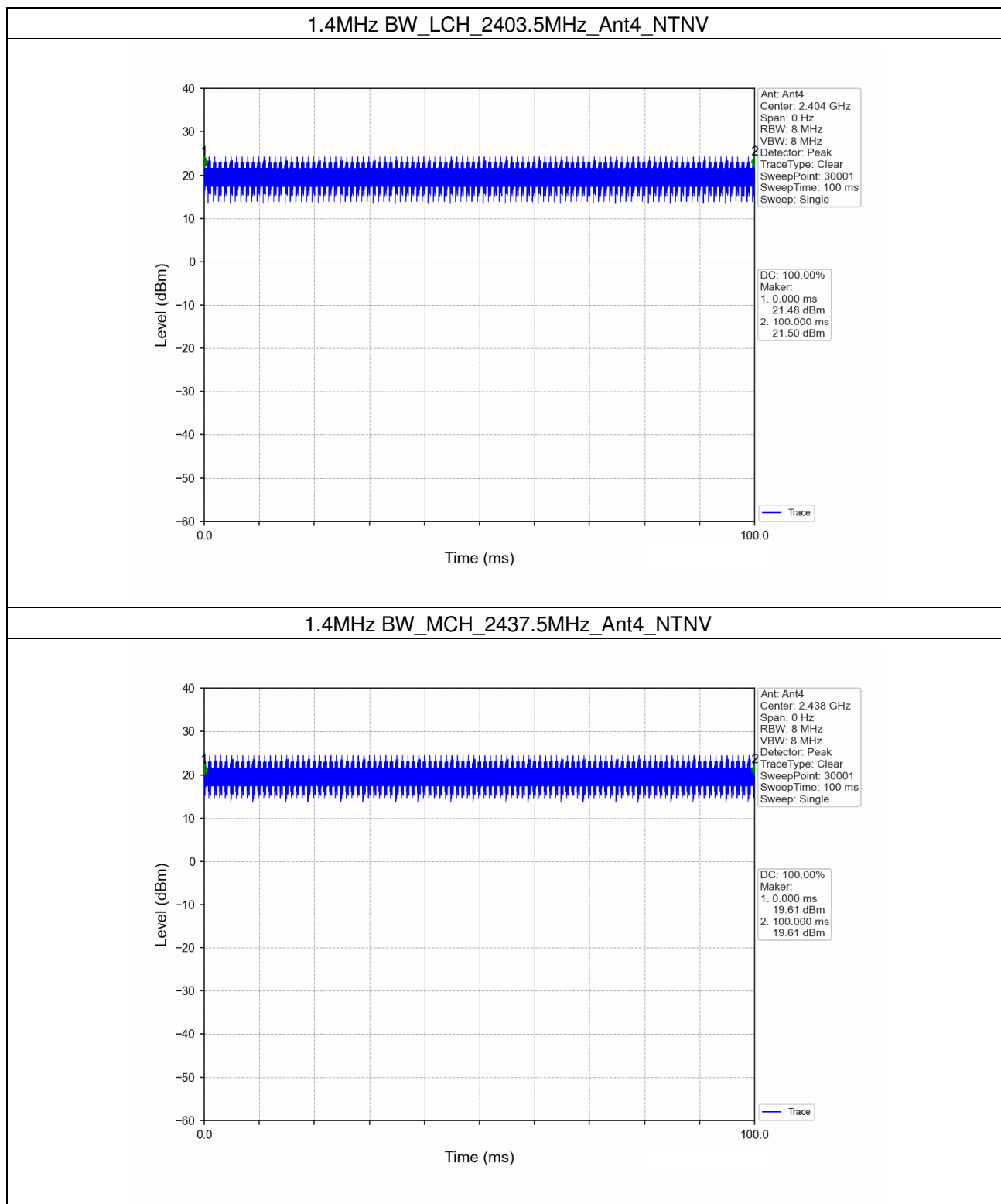
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## 1.4 Ant4

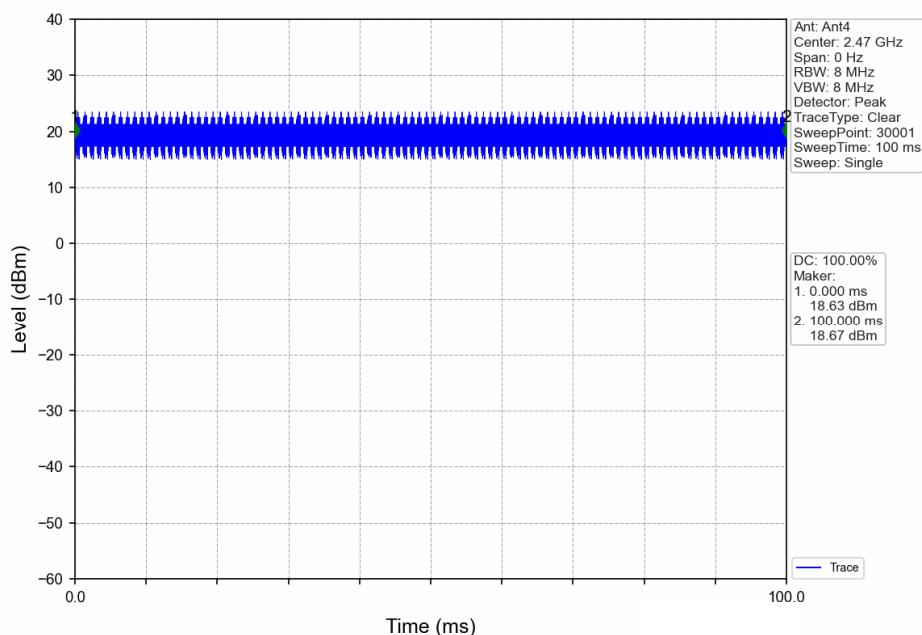
## 1.4.1 Test Result

Ant4							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1.4MHz BW	SISO	2403.5	100.00	100.00	100.00	0.00	0.00
		2437.5	100.00	100.00	100.00	0.00	0.00
		2469.5	100.00	100.00	100.00	0.00	0.00
1.4MHz CA BW	SISO	2405.12	100.00	100.00	100.00	0.00	0.00
		2439.12	100.00	100.00	100.00	0.00	0.00
		2471.12	100.00	100.00	100.00	0.00	0.00
3MHz BW	SISO	2405.5	100.00	100.00	100.00	0.00	0.00
		2438.5	100.00	100.00	100.00	0.00	0.00
		2468.5	100.00	100.00	100.00	0.00	0.00
3MHz CA BW	SISO	2408.2	100.00	100.00	100.00	0.00	0.00
		2441.2	100.00	100.00	100.00	0.00	0.00
		2471.2	100.00	100.00	100.00	0.00	0.00
10MHz BW	SISO	2407.5	100.00	100.00	100.00	0.00	0.00
		2437.5	100.00	100.00	100.00	0.00	0.00
		2467.5	100.00	100.00	100.00	0.00	0.00
20MHz BW	SISO	2412.5	19.98	20.00	99.90	0.00	0.03
		2437.5	19.92	19.95	99.85	0.01	0.00
		2462.5	19.92	19.95	99.85	0.01	0.00
40MHz BW	SISO	2422.5	19.96	20.00	99.80	0.01	0.00
		2437.5	19.96	20.00	99.80	0.01	0.00
		2452.5	19.96	20.00	99.80	0.01	0.00

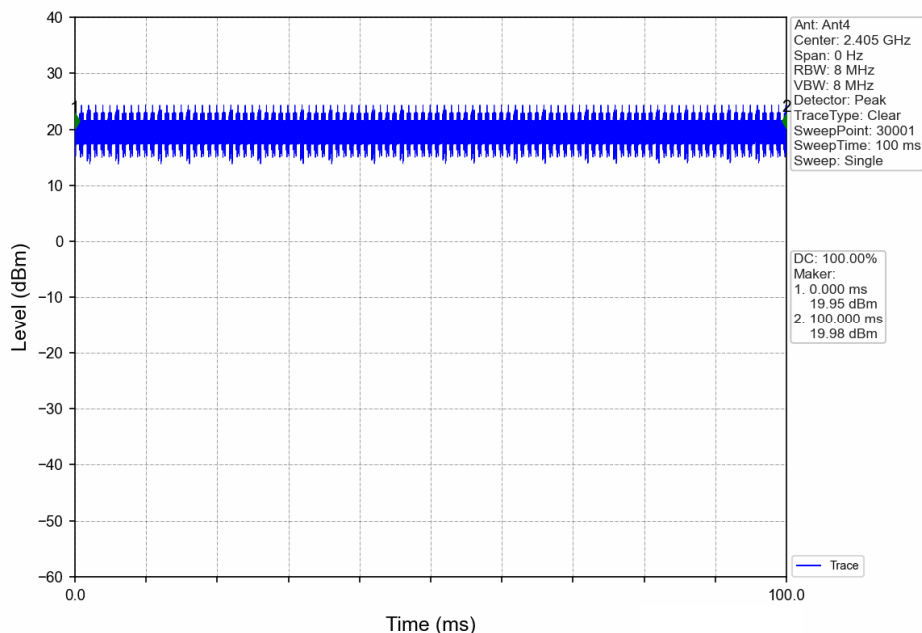
## 1.4.2 Test Graph



1.4MHz BW\_HCH\_2469.5MHz\_Ant4\_NTNV

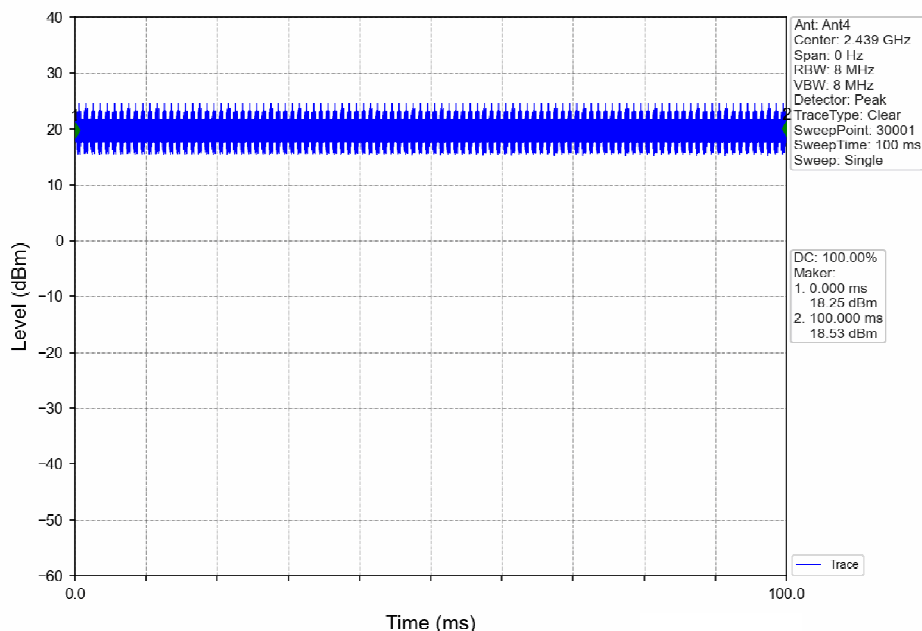


1.4MHz CA BW\_LCH\_2405.12MHz\_Ant4\_NTNV

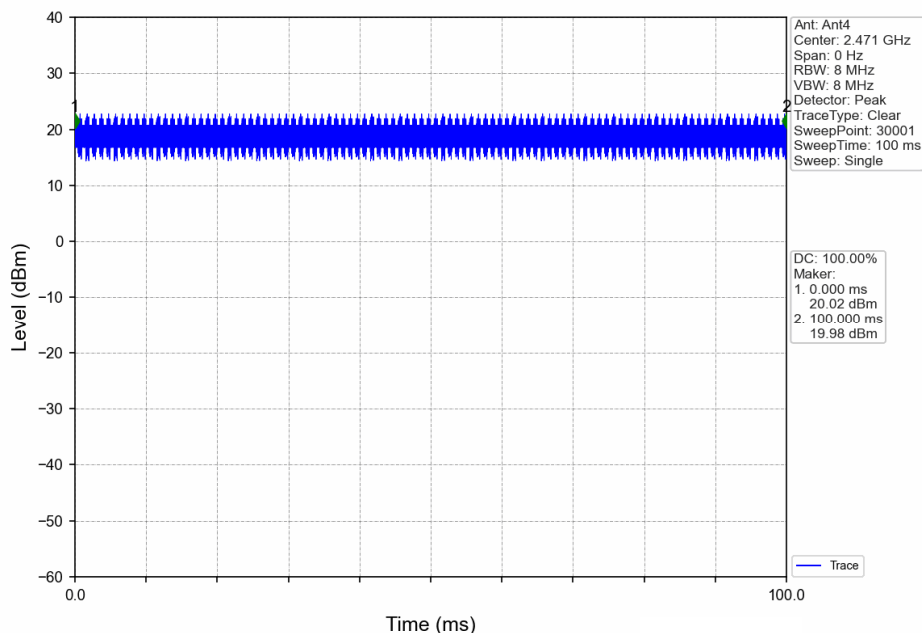




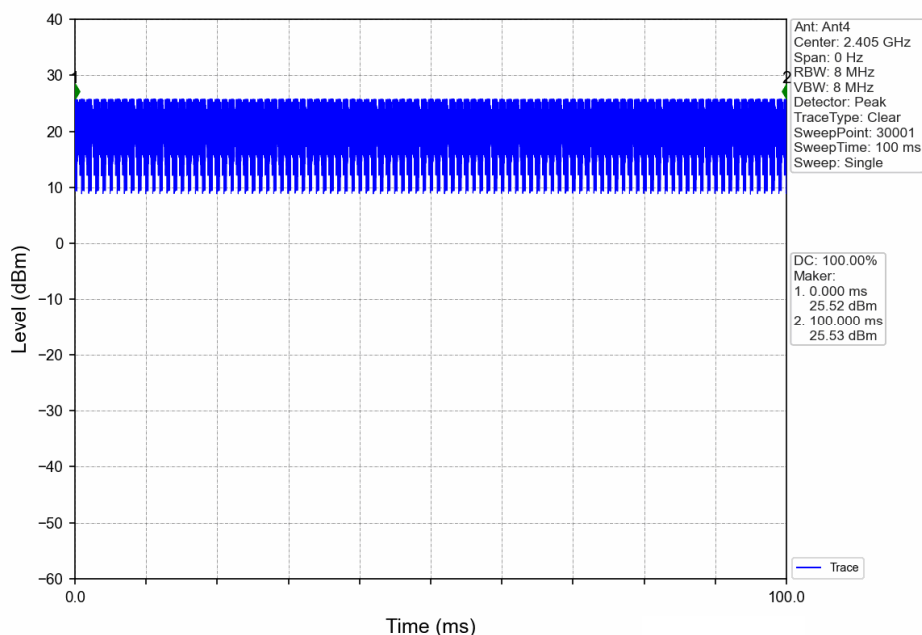
1.4MHz CA BW\_MCH\_2439.12MHz\_Ant4\_NTNV



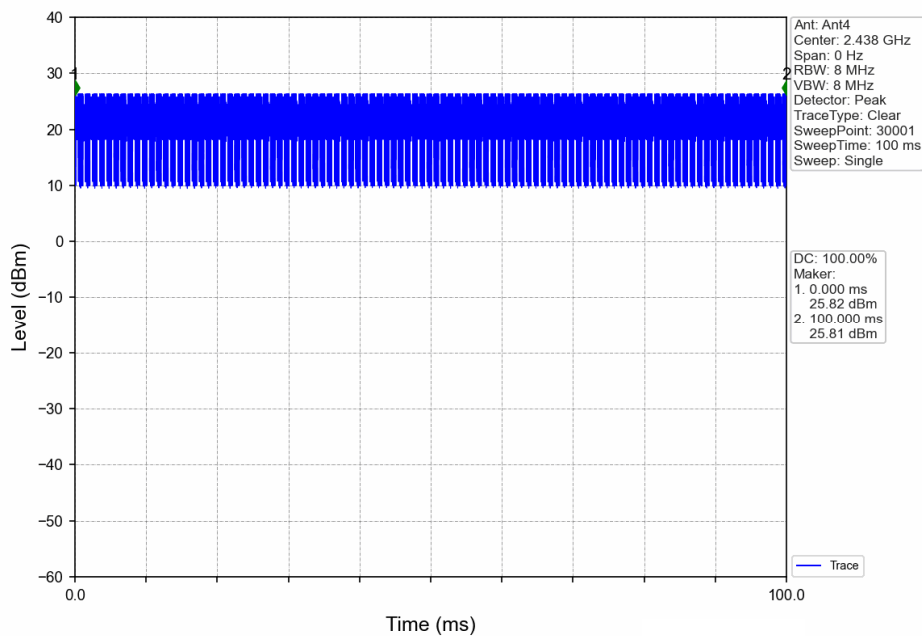
1.4MHz CA BW\_HCH\_2471.12MHz\_Ant4\_NTNV



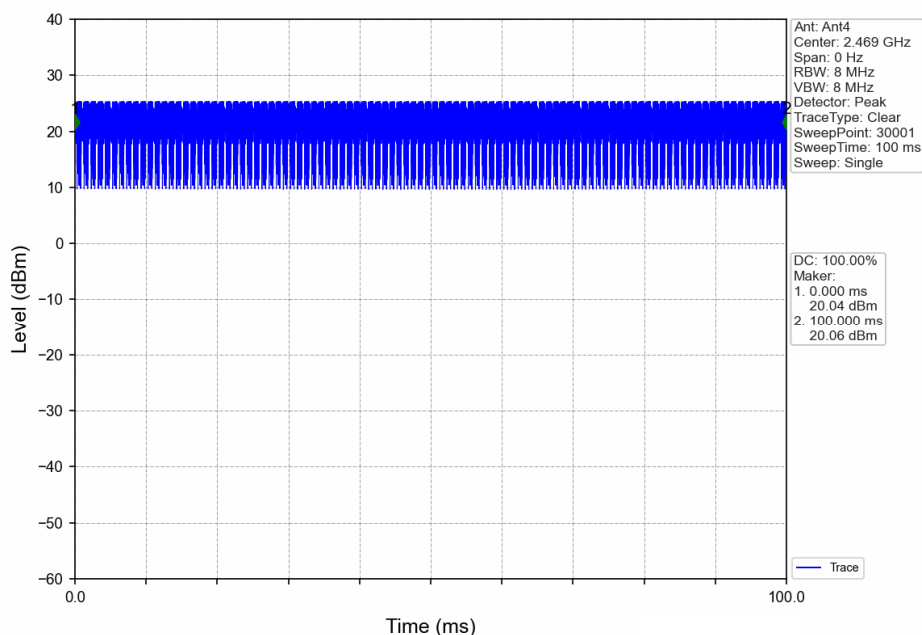
3MHz BW\_LCH\_2405.5MHz\_Ant4\_NTNV



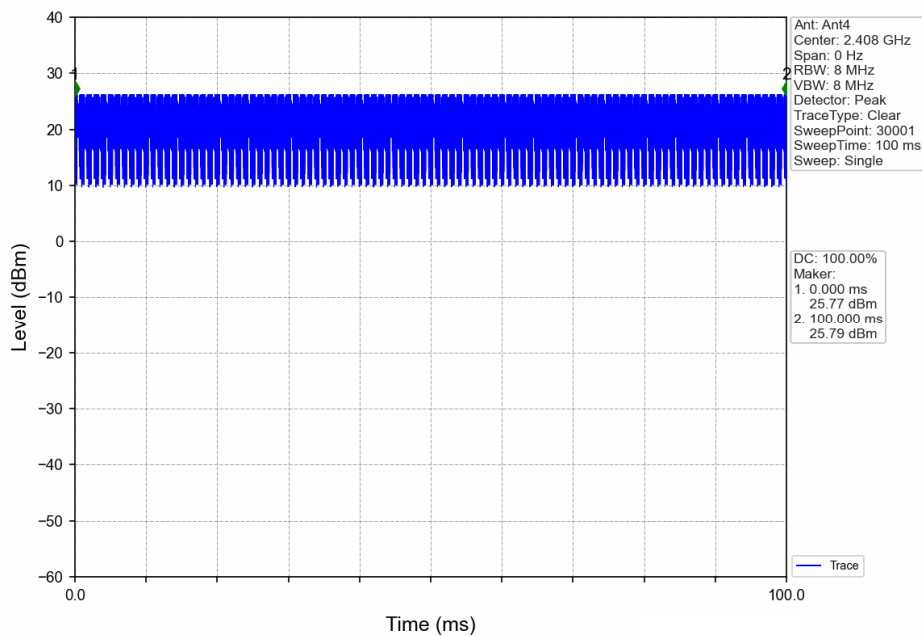
3MHz BW\_MCH\_2438.5MHz\_Ant4\_NTNV



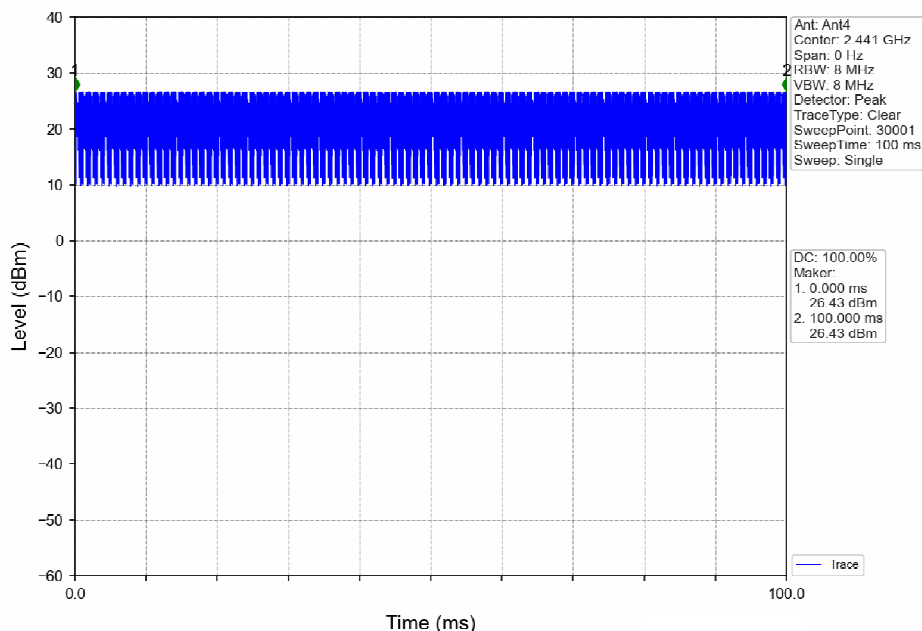
3MHz BW\_HCH\_2468.5MHz\_Ant4\_NTNV



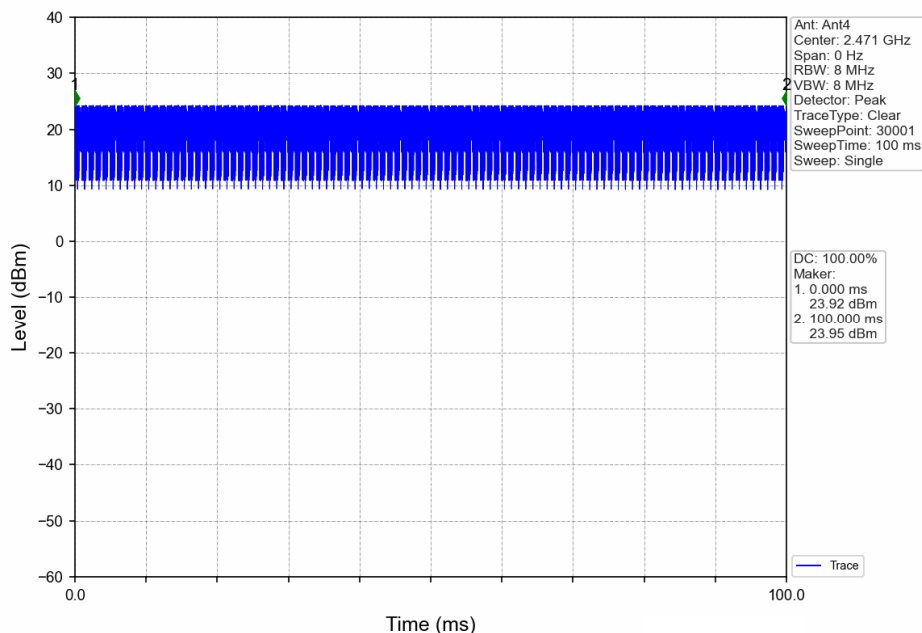
3MHz CA BW\_LCH\_2408.2MHz\_Ant4\_NTNV



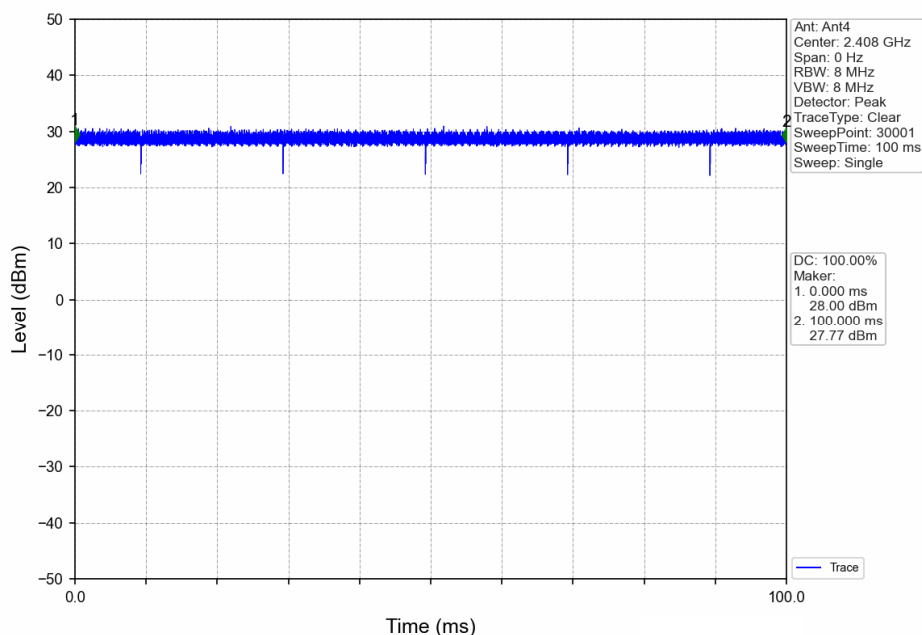
3MHz CA BW\_MCH\_2441.2MHz\_Ant4\_NTNV



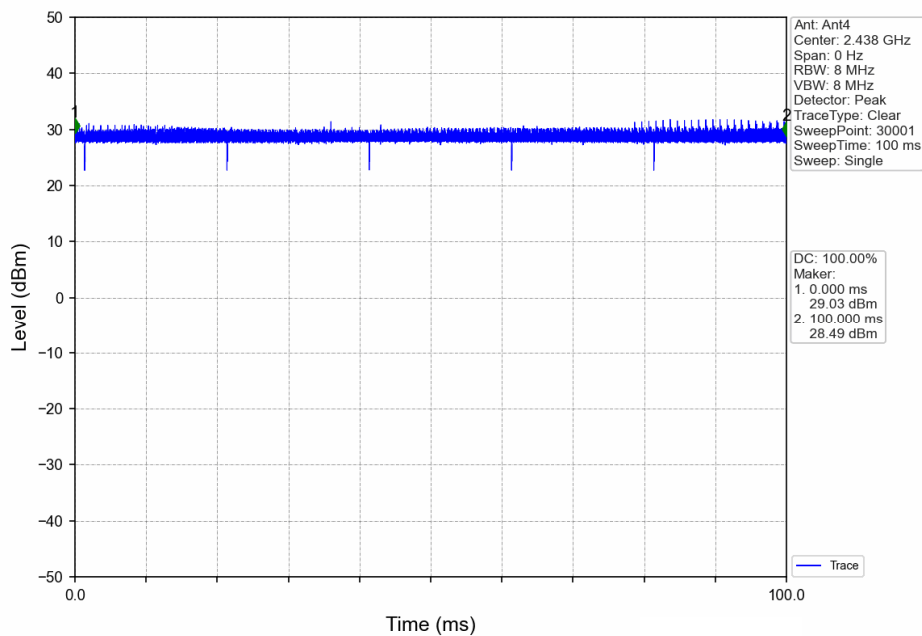
3MHz CA BW\_HCH\_2471.2MHz\_Ant4\_NTNV



10MHz BW\_LCH\_2407.5MHz\_Ant4\_NTNV

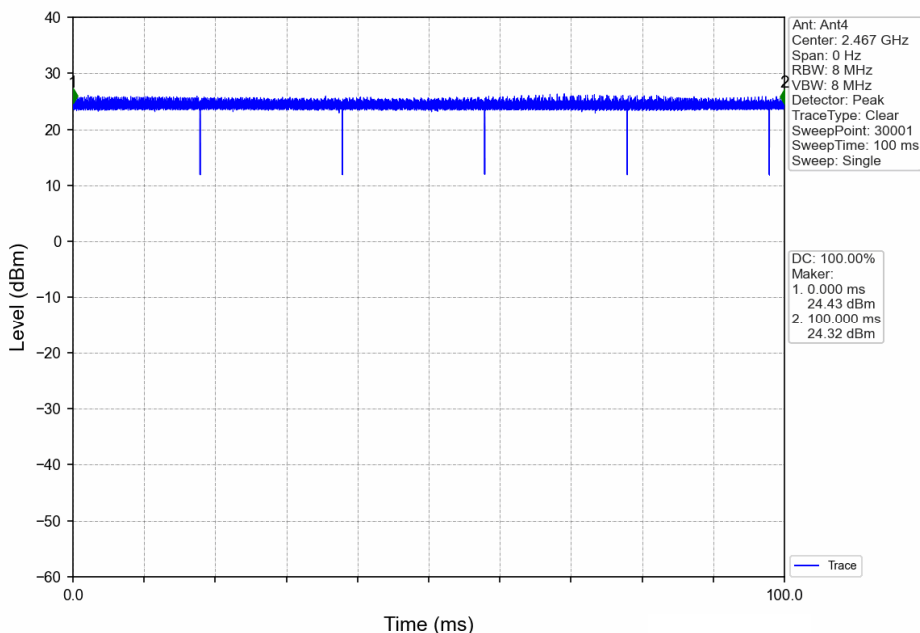


10MHz BW\_MCH\_2437.5MHz\_Ant4\_NTNV

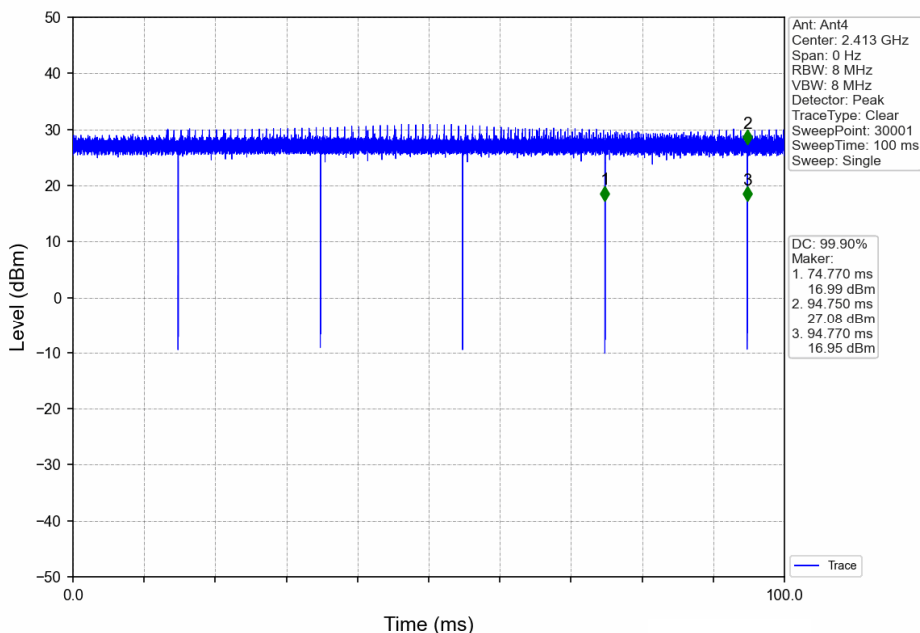




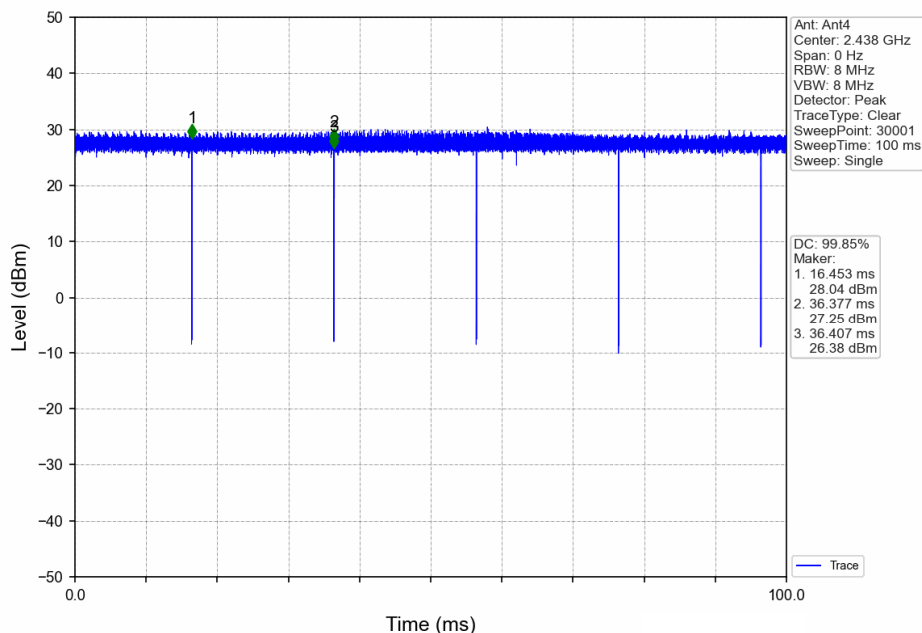
### 10MHz BW\_HCH\_2467.5MHz\_Ant4\_NTNV



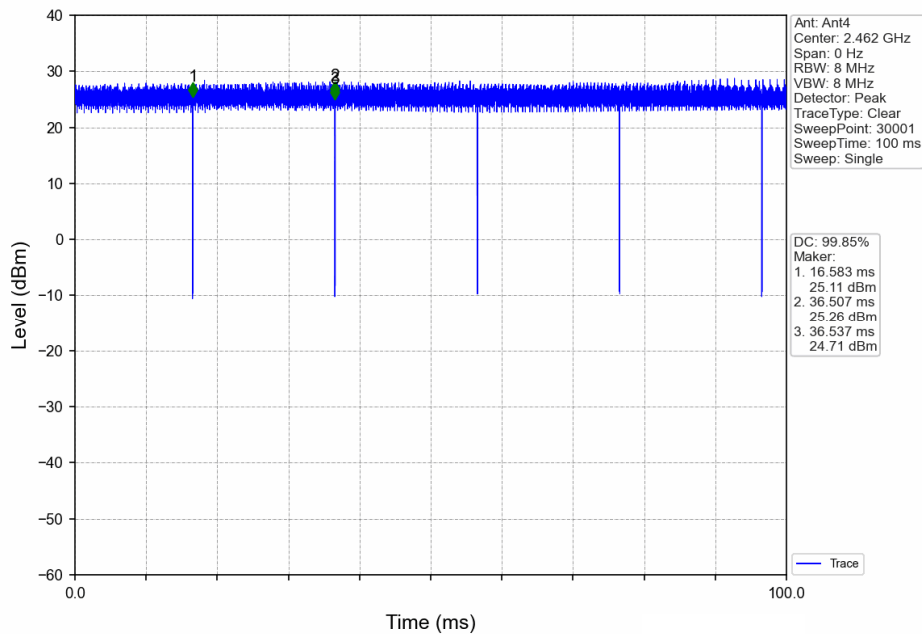
### 20MHz BW\_LCH\_2412.5MHz\_Ant4\_NTNV



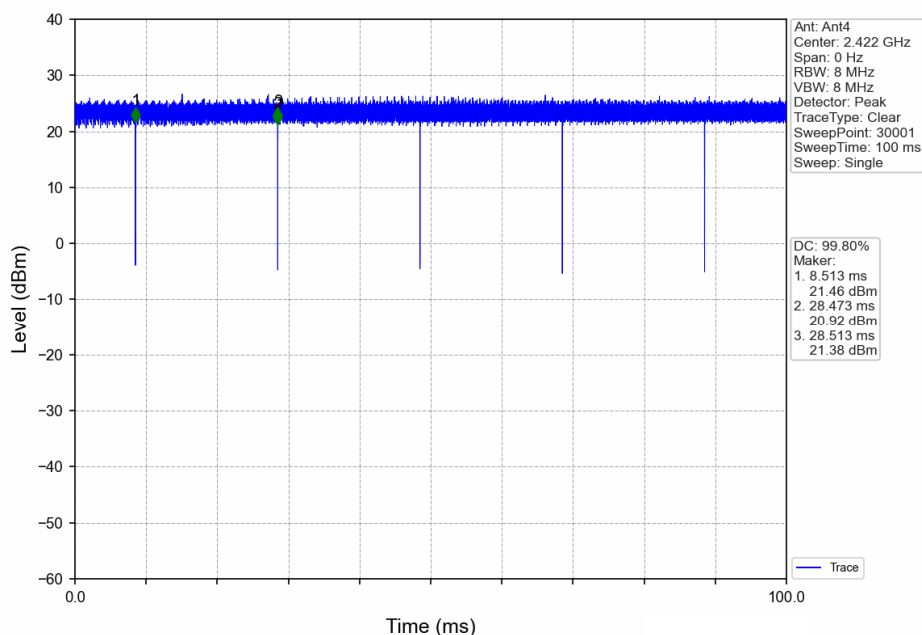
20MHz BW\_MCH\_2437.5MHz\_Ant4\_NTNV



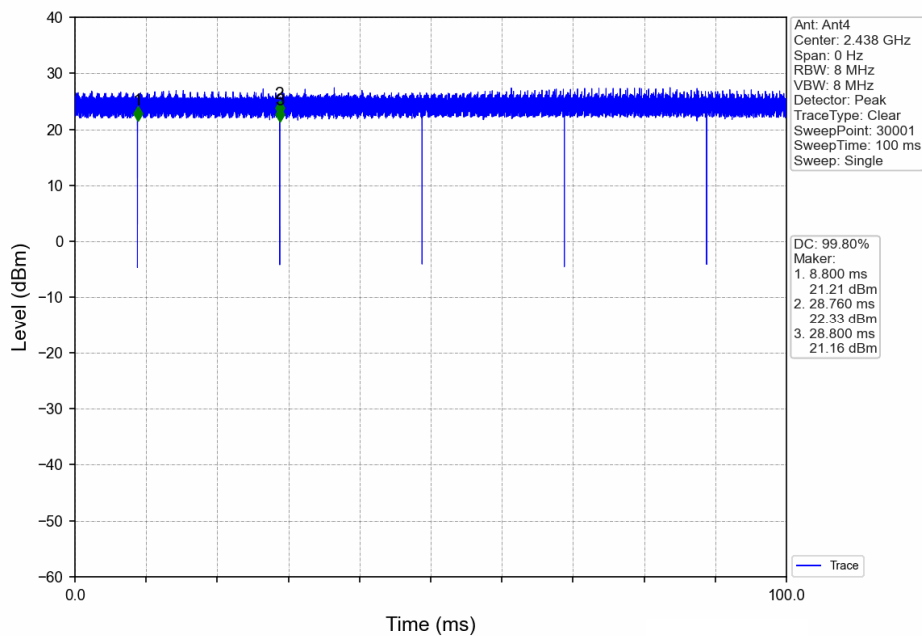
20MHz BW\_HCH\_2462.5MHz\_Ant4\_NTNV



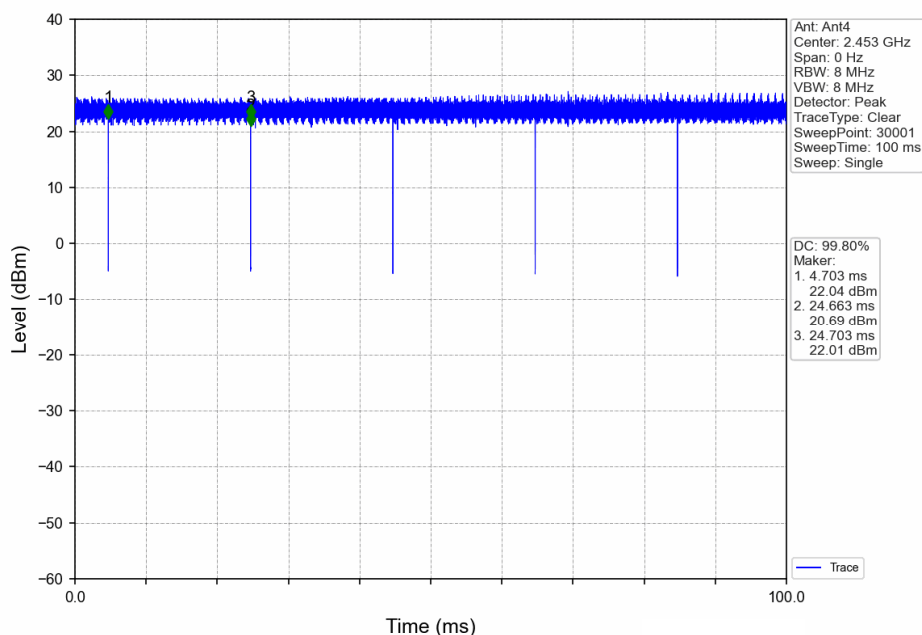
40MHz BW\_LCH\_2422.5MHz\_Ant4\_NTNV



40MHz BW\_MCH\_2437.5MHz\_Ant4\_NTNV



## 40MHz BW\_HCH\_2452.5MHz\_Ant4\_NTNV



## 1.5.1

Ant1+2								
ENV	Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	1.4MHz BW	MIMO	2403.5	100.00	100.00	100.00	0.00	0.00
			2437.5	100.00	100.00	100.00	0.00	0.00
			2469.5	100.00	100.00	100.00	0.00	0.00
	1.4MHz CA BW	MIMO	2405.12	100.00	100.00	100.00	0.00	0.00
			2439.12	100.00	100.00	100.00	0.00	0.00
			2471.12	100.00	100.00	100.00	0.00	0.00
	3MHz BW	MIMO	2405.5	100.00	100.00	100.00	0.00	0.00
			2438.5	100.00	100.00	100.00	0.00	0.00
			2468.5	100.00	100.00	100.00	0.00	0.00
	3MHz CA BW	MIMO	2408.2	100.00	100.00	100.00	0.00	0.00
			2441.2	100.00	100.00	100.00	0.00	0.00
			2471.2	100.00	100.00	100.00	0.00	0.00
	10MHz BW	MIMO	2407.5	100.00	100.00	100.00	0.00	0.00
			2437.5	100.00	100.00	100.00	0.00	0.00
			2467.5	100.00	100.00	100.00	0.00	0.00
	20MHz BW	MIMO	2412.5	19.95	19.97	99.90	0.00	0.00
			2437.5	19.95	19.97	99.93	0.00	0.00
			2462.5	19.95	19.97	99.91	0.00	0.02
	40MHz BW	MIMO	2422.5	19.94	19.97	99.88	0.01	0.00
			2437.5	19.94	19.97	99.88	0.01	0.00
			2452.5	19.94	19.97	99.88	0.01	0.00

Remark: Antenna 1+2,1+4,2+3 and 3+4 were tested. Only the worst case(Antenna 1+2 in MIMO mode) were recorded in the report.

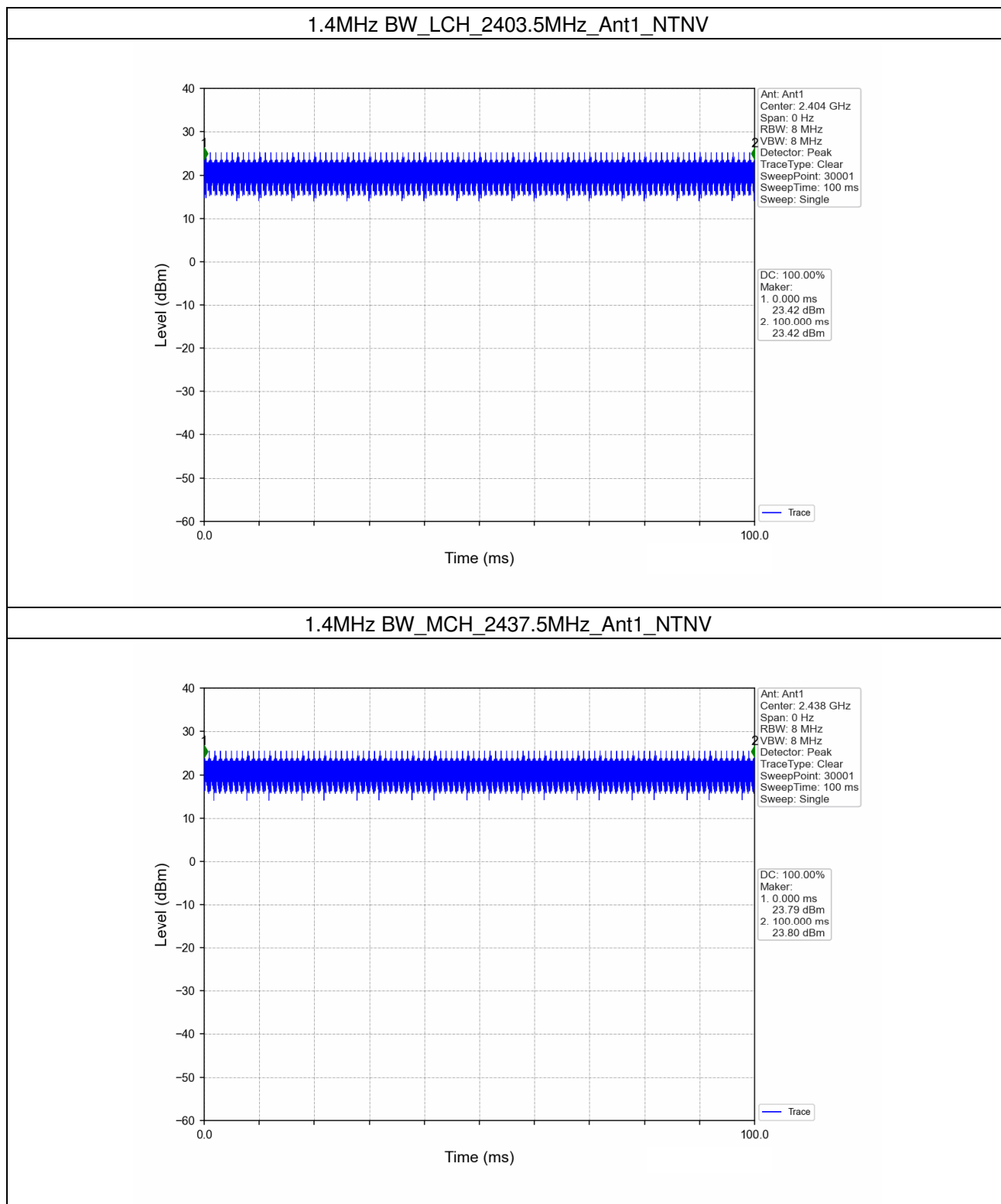


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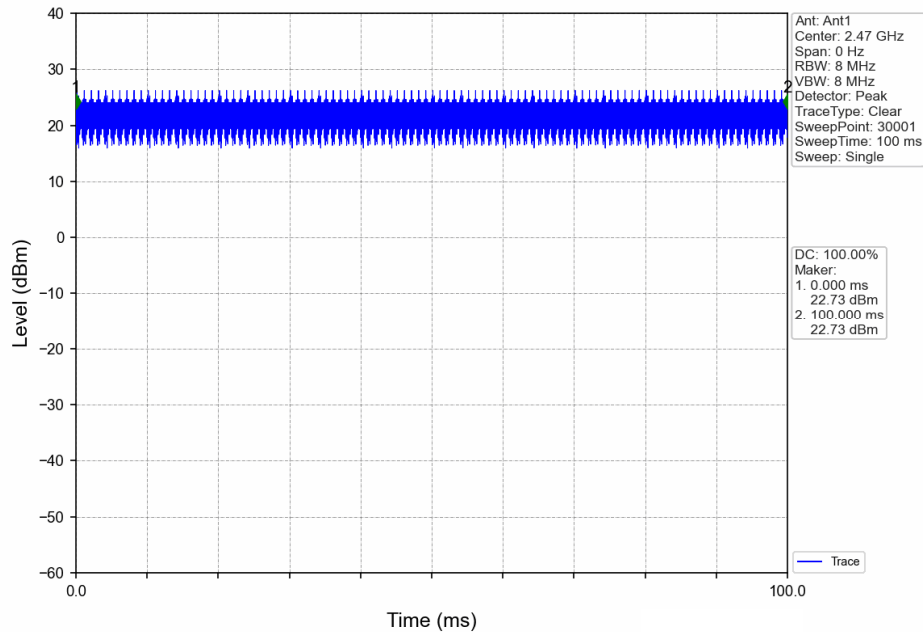
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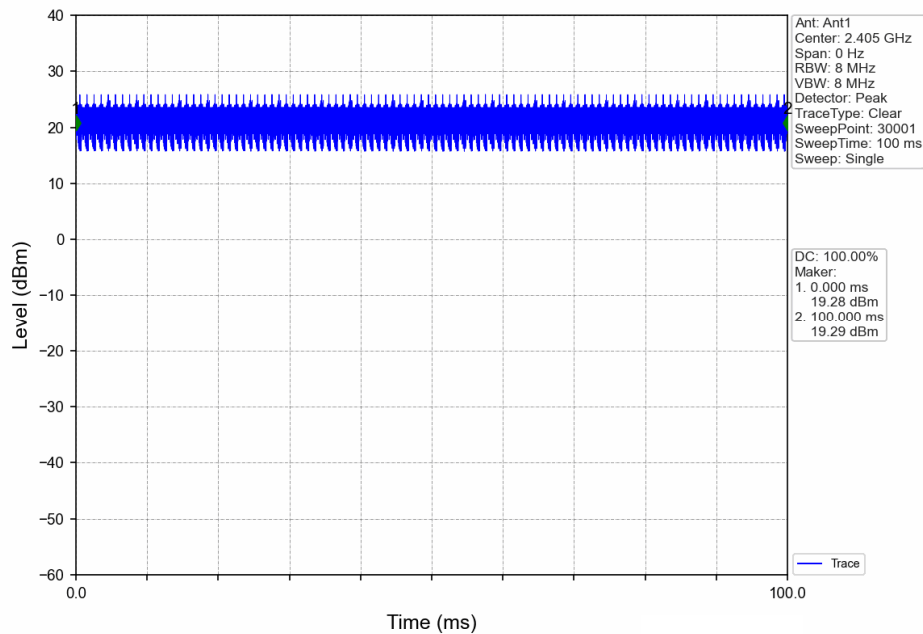
## 1.5.2 Test Graph



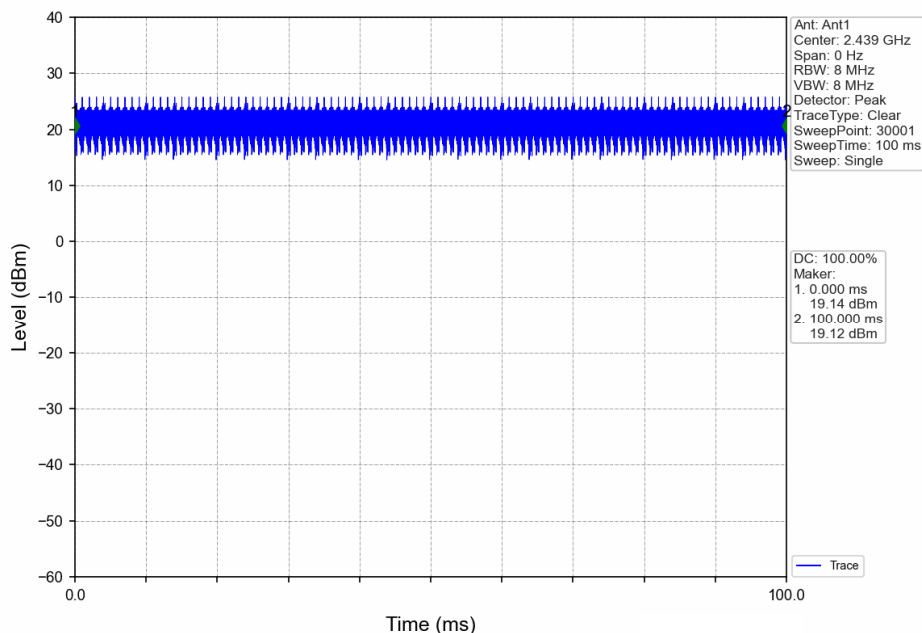
1.4MHz BW\_HCH\_2469.5MHz\_Ant1\_NTNV



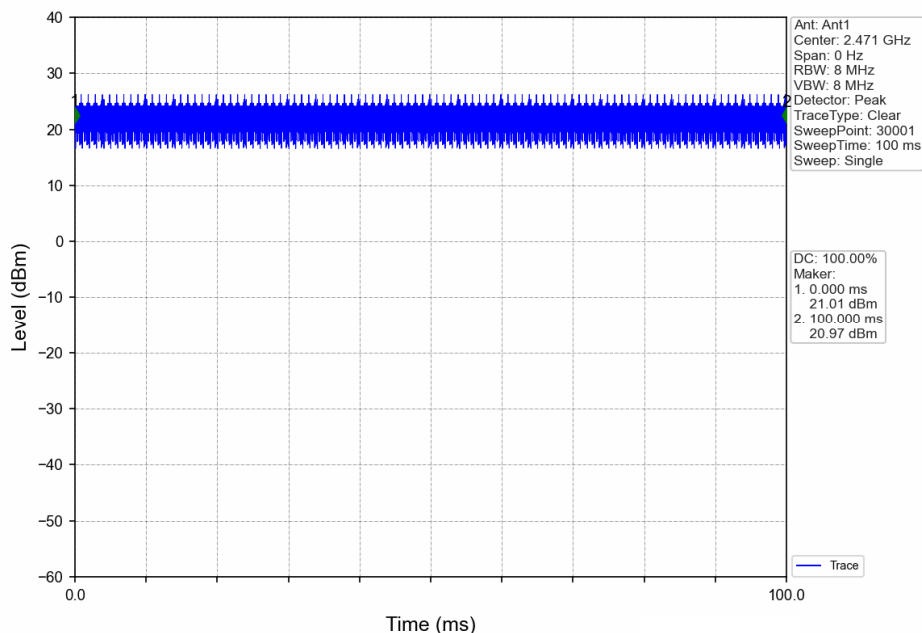
1.4MHz CA BW\_LCH\_2405.12MHz\_Ant1\_NTNV



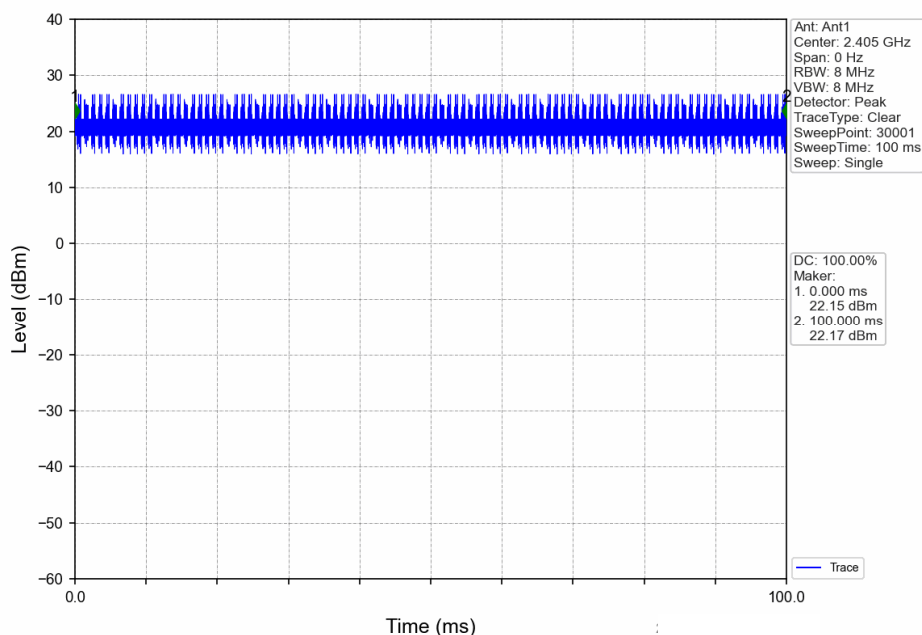
1.4MHz CA BW\_MCH\_2439.12MHz\_Ant1\_NTNV



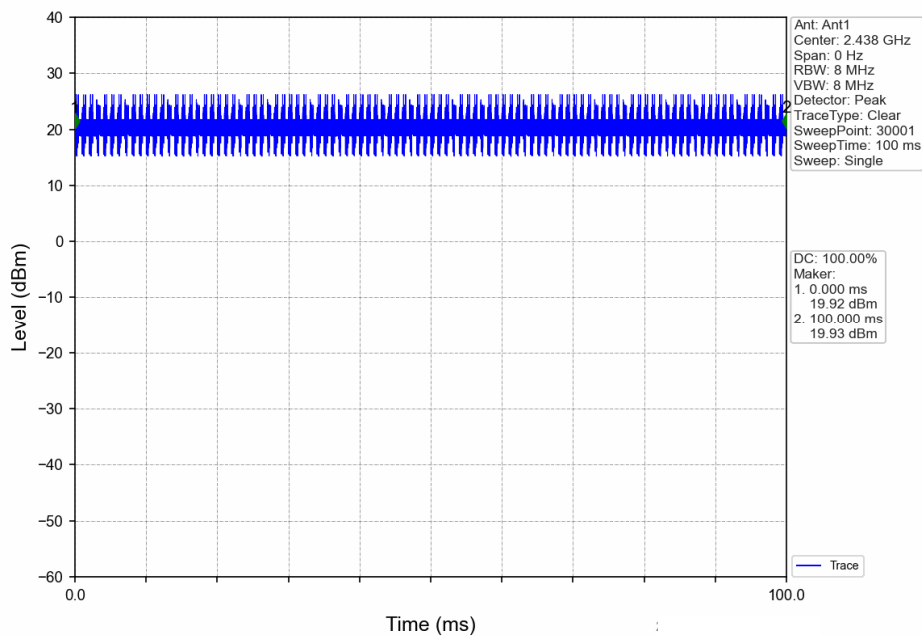
1.4MHz CA BW\_HCH\_2471.12MHz\_Ant1\_NTNV



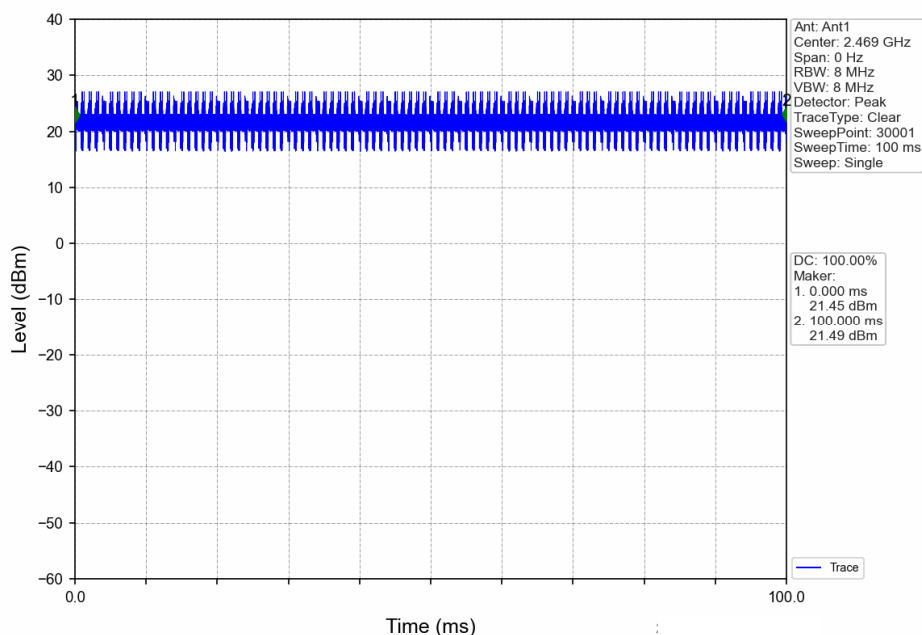
3MHz BW\_LCH\_2405.5MHz\_Ant1\_NTNV



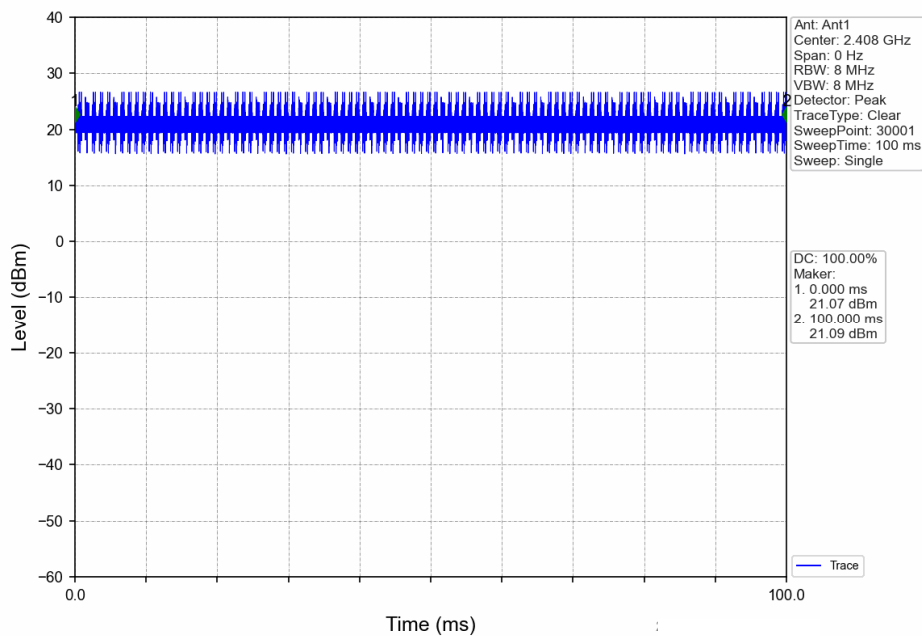
3MHz BW\_MCH\_2438.5MHz\_Ant1\_NTNV



3MHz BW\_HCH\_2468.5MHz\_Ant1\_NTNV

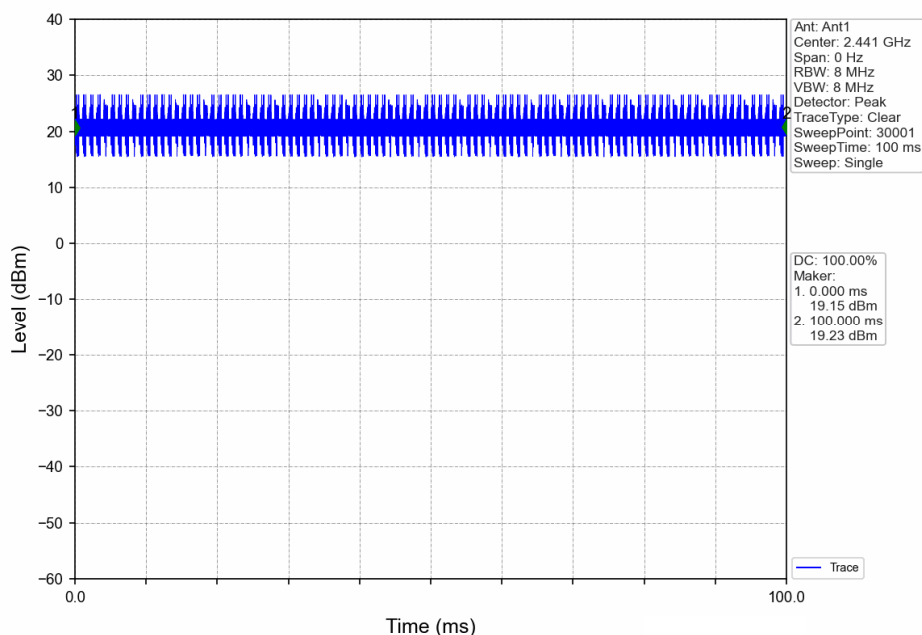


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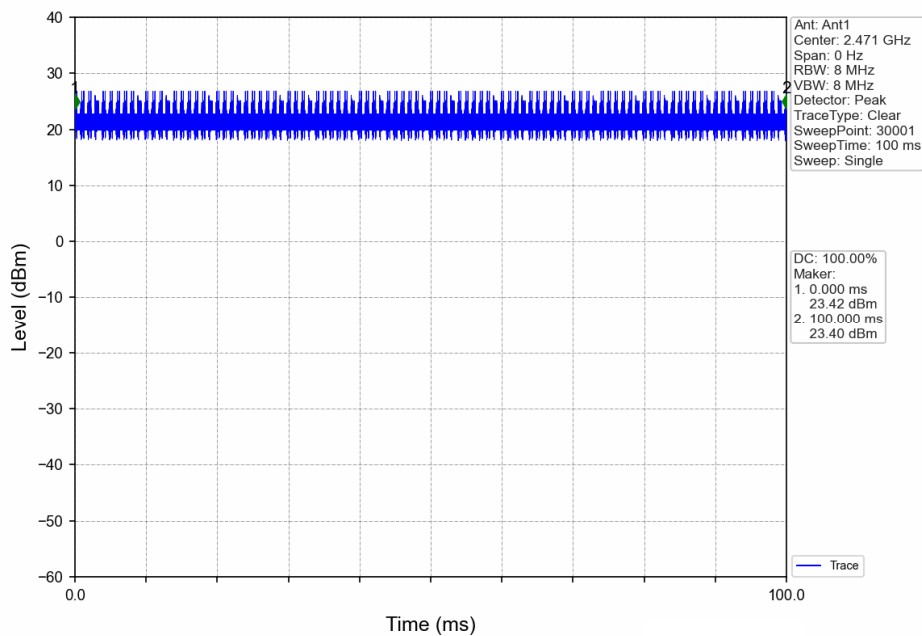




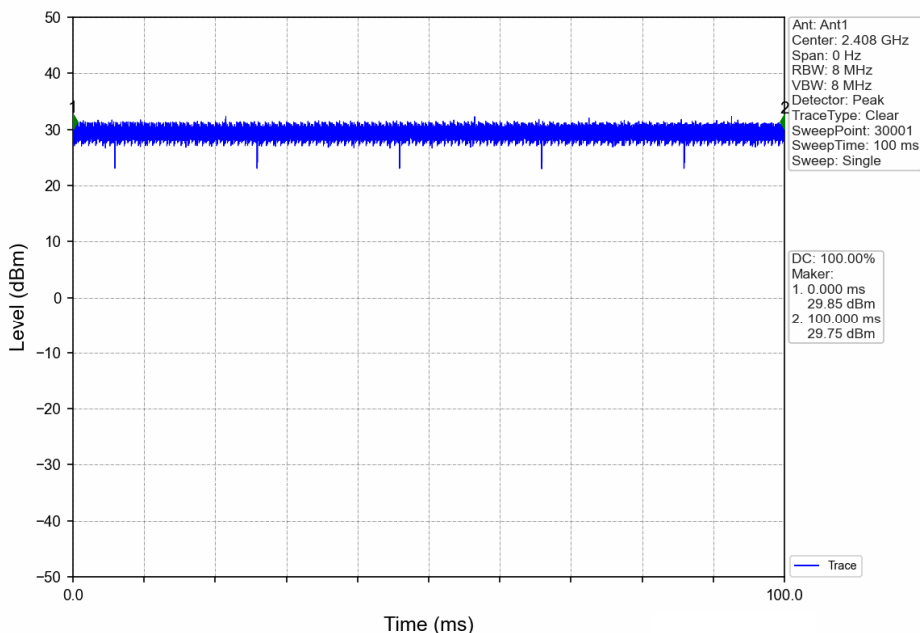
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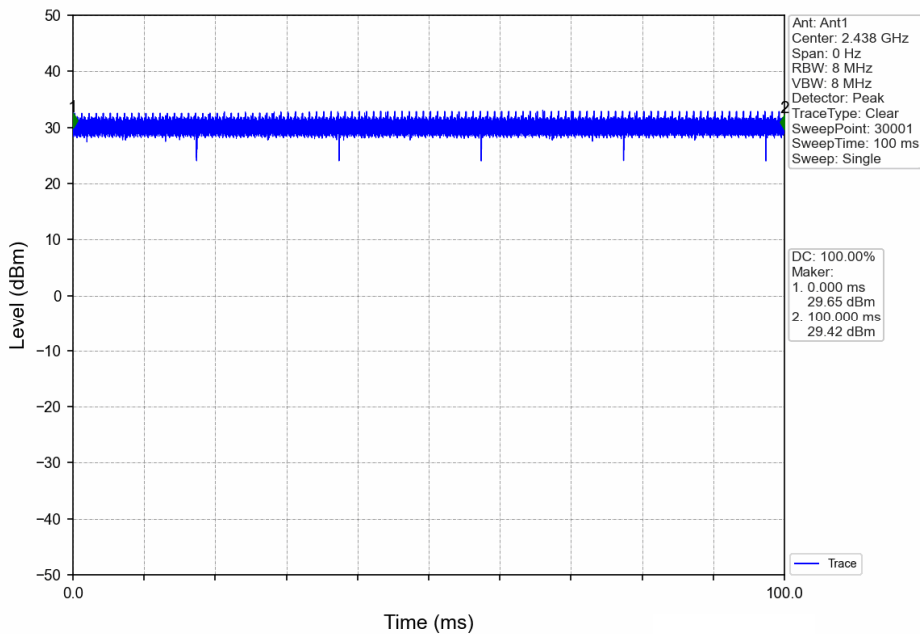
3MHz CA BW\_HCH\_2471.2MHz\_Ant1\_NTNV



10MHz BW\_LCH\_2407.5MHz\_Ant1\_NTNV



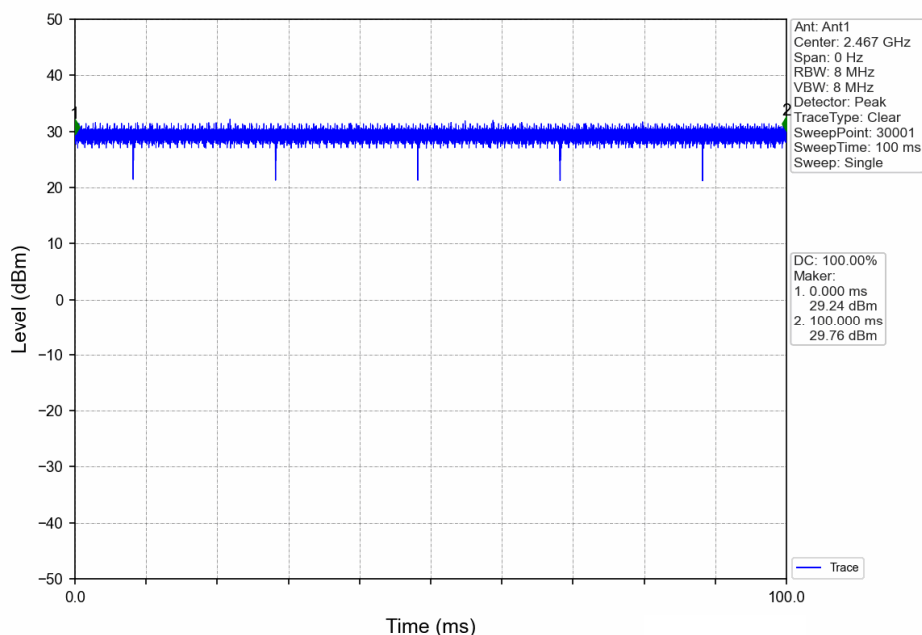
10MHz BW\_MCH\_2437.5MHz\_Ant1\_NTNV



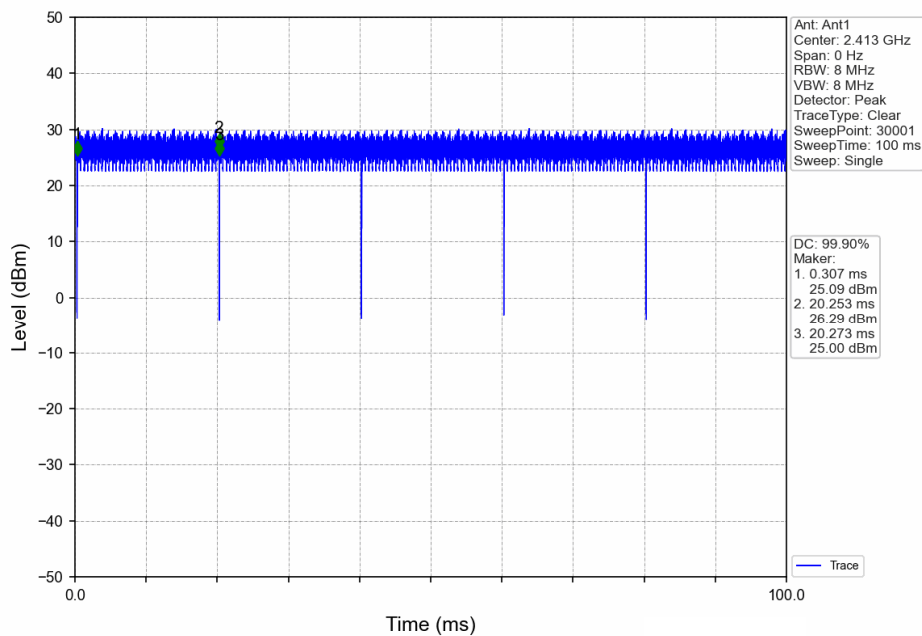
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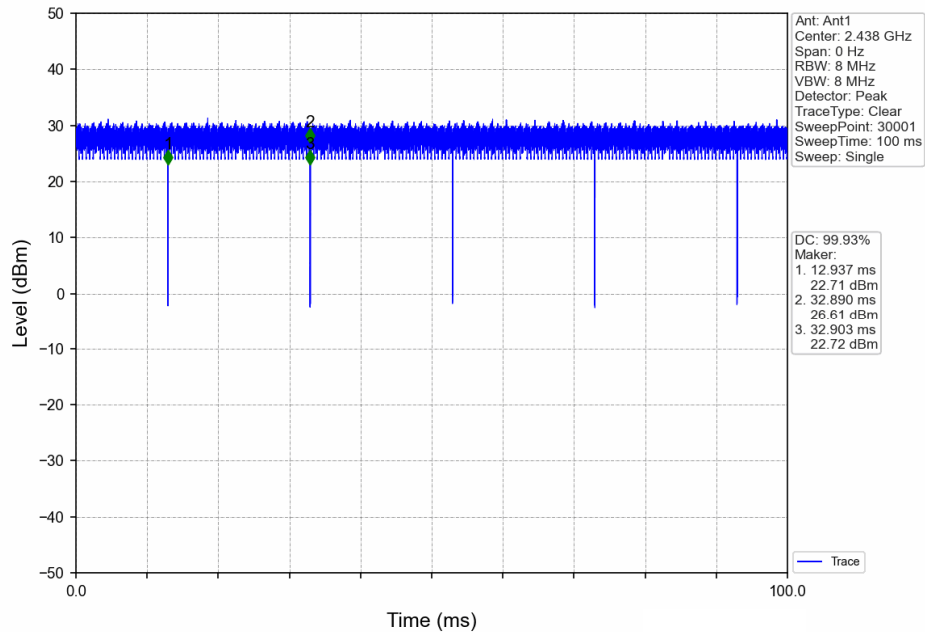
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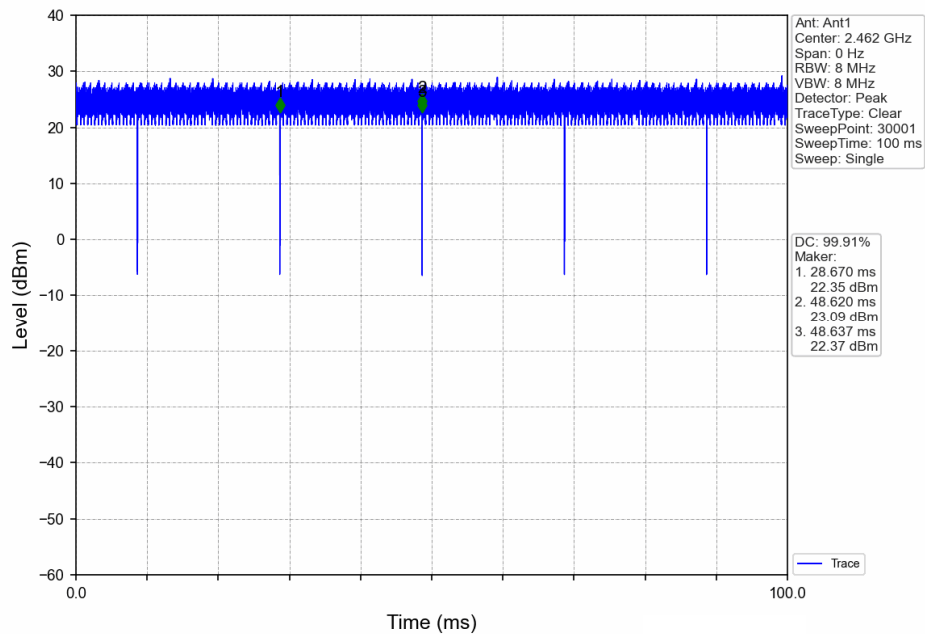
20MHz BW\_LCH\_2412.5MHz\_Ant1\_NTNV



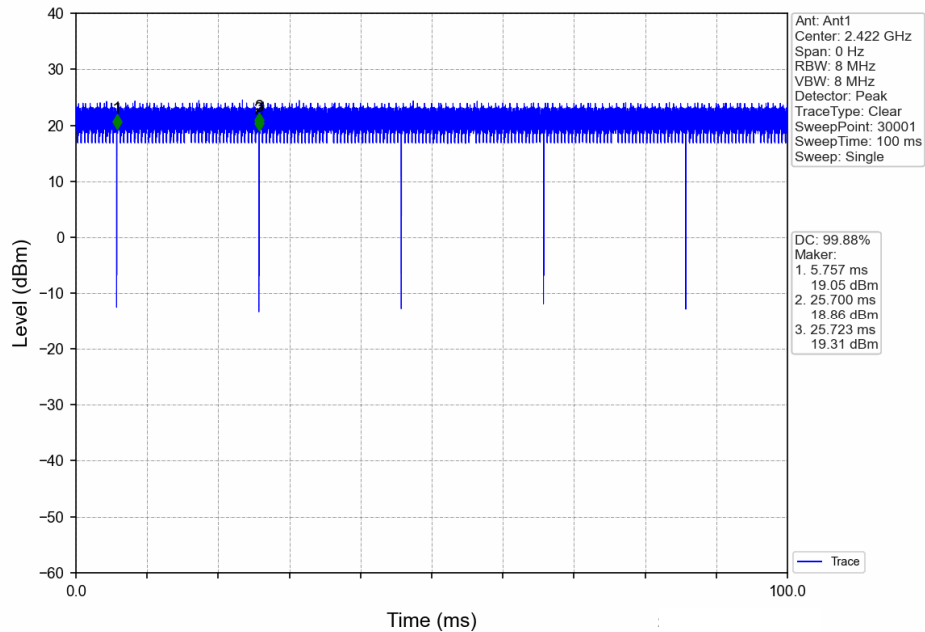
20MHz BW\_MCH\_2437.5MHz\_Ant1\_NTNV



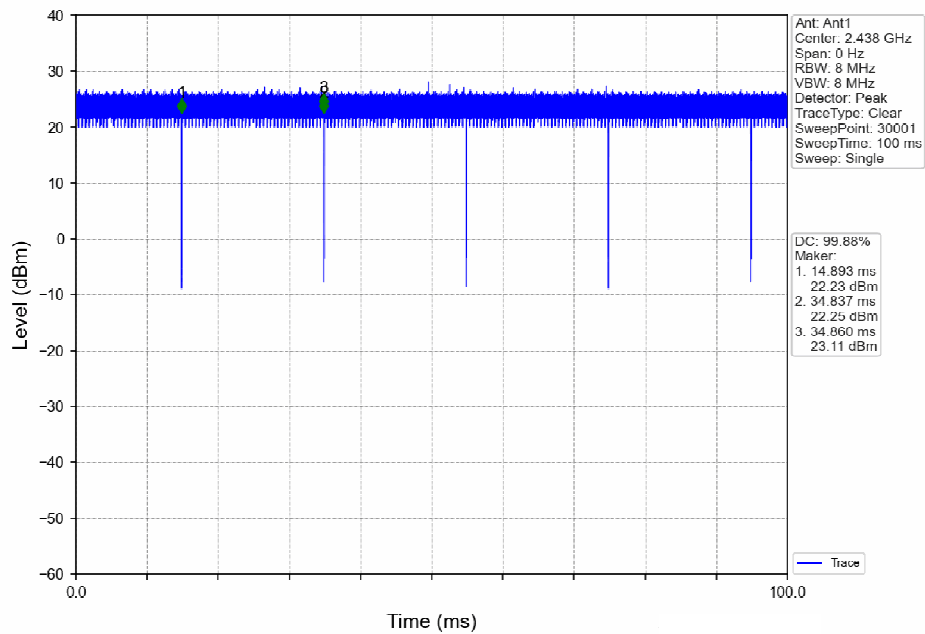
20MHz BW\_HCH\_2462.5MHz\_Ant1\_NTNV



### 40MHz BW\_LCH\_2422.5MHz\_Ant1\_NTNV

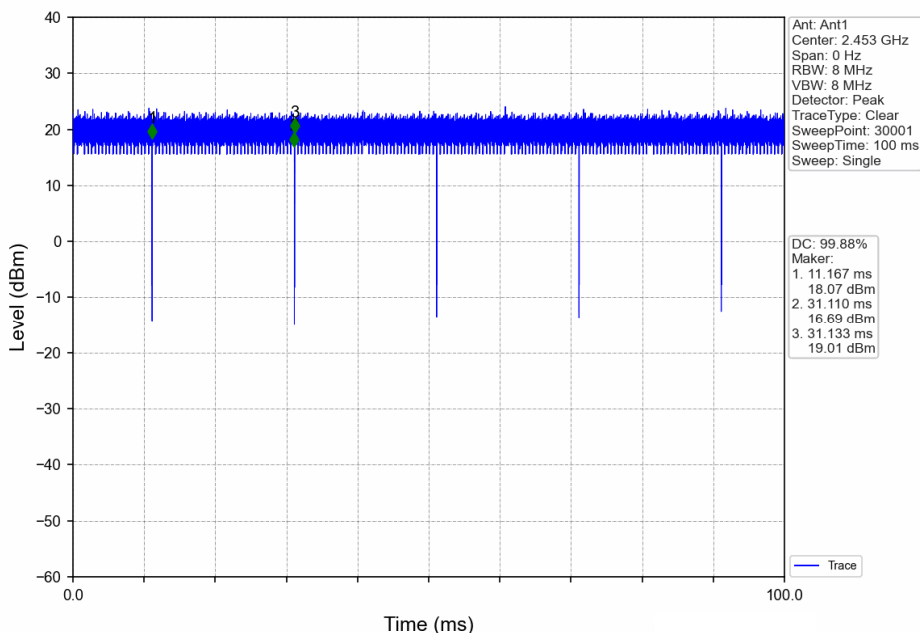


### 40MHz BW\_MCH\_2437.5MHz\_Ant1\_NTNV





### 40MHz BW\_HCH\_2452.5MHz\_Ant1\_NTNV



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**2. Bandwidth****2.1 6dB BW****2.1.1 Test Result**

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1.4MHz BW	SISO	2403.5	1	1.14	$\geq 0.5$	Pass
			2	1.14	$\geq 0.5$	Pass
			3	1.14	$\geq 0.5$	Pass
			4	1.14	$\geq 0.5$	Pass
		2437.5	1	1.14	$\geq 0.5$	Pass
			2	1.14	$\geq 0.5$	Pass
			3	1.14	$\geq 0.5$	Pass
			4	1.13	$\geq 0.5$	Pass
		2469.5	1	1.14	$\geq 0.5$	Pass
			2	1.13	$\geq 0.5$	Pass
			3	1.13	$\geq 0.5$	Pass
			4	1.13	$\geq 0.5$	Pass
1.4MHz CA BW	SISO	2405.12	1	1.13	$\geq 0.5$	Pass
			2	1.14	$\geq 0.5$	Pass
			3	1.14	$\geq 0.5$	Pass
			4	1.14	$\geq 0.5$	Pass
		2439.12	1	1.14	$\geq 0.5$	Pass
			2	1.14	$\geq 0.5$	Pass
			3	1.13	$\geq 0.5$	Pass
			4	1.14	$\geq 0.5$	Pass
		2471.12	1	1.13	$\geq 0.5$	Pass
			2	1.13	$\geq 0.5$	Pass
			3	1.13	$\geq 0.5$	Pass
			4	1.13	$\geq 0.5$	Pass
3MHz BW	SISO	2405.5	1	2.18	$\geq 0.5$	Pass
			2	2.18	$\geq 0.5$	Pass
			3	2.18	$\geq 0.5$	Pass
			4	2.18	$\geq 0.5$	Pass
		2438.5	1	2.18	$\geq 0.5$	Pass
			2	2.19	$\geq 0.5$	Pass
			3	2.18	$\geq 0.5$	Pass
			4	2.18	$\geq 0.5$	Pass
		2468.5	1	2.18	$\geq 0.5$	Pass
			2	2.18	$\geq 0.5$	Pass
			3	2.18	$\geq 0.5$	Pass
			4	2.18	$\geq 0.5$	Pass

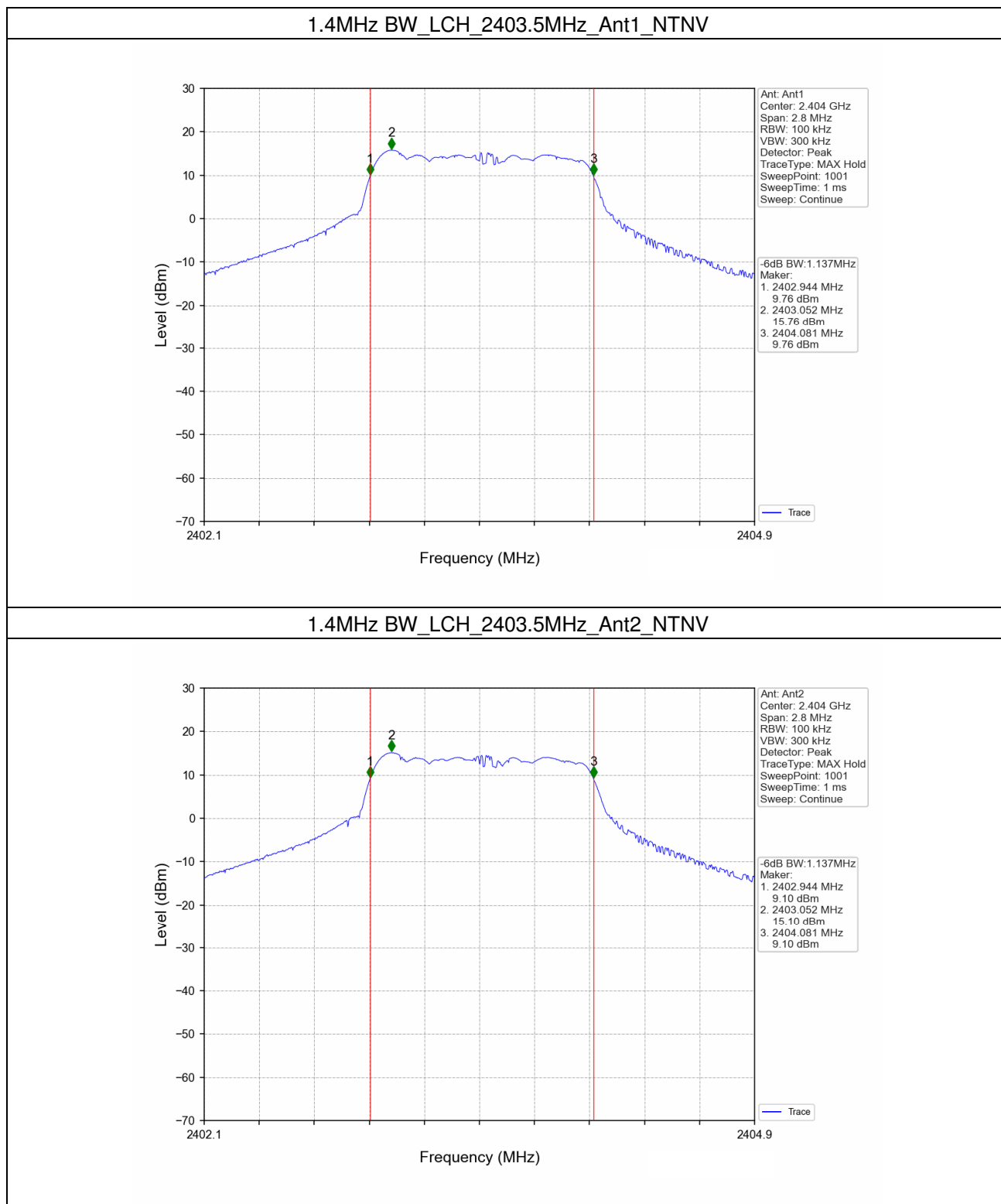
			4	2.18	$\geq 0.5$	Pass
3MHz CA BW	SISO	2408.2	1	2.18	$\geq 0.5$	Pass
			2	2.18	$\geq 0.5$	Pass
			3	2.19	$\geq 0.5$	Pass
			4	2.18	$\geq 0.5$	Pass
		2441.2	1	2.18	$\geq 0.5$	Pass
			2	2.18	$\geq 0.5$	Pass
			3	2.18	$\geq 0.5$	Pass
			4	2.18	$\geq 0.5$	Pass
		2471.2	1	2.19	$\geq 0.5$	Pass
			2	2.18	$\geq 0.5$	Pass
			3	2.19	$\geq 0.5$	Pass
			4	2.19	$\geq 0.5$	Pass
10MHz BW	SISO	2407.5	1	9.01	$\geq 0.5$	Pass
			2	9.02	$\geq 0.5$	Pass
			3	8.99	$\geq 0.5$	Pass
			4	9.02	$\geq 0.5$	Pass
		2437.5	1	9.02	$\geq 0.5$	Pass
			2	9.01	$\geq 0.5$	Pass
			3	9.02	$\geq 0.5$	Pass
			4	9.00	$\geq 0.5$	Pass
		2467.5	1	9.01	$\geq 0.5$	Pass
			2	8.96	$\geq 0.5$	Pass
			3	8.75	$\geq 0.5$	Pass
			4	7.31	$\geq 0.5$	Pass
20MHz BW	SISO	2412.5	1	18.02	$\geq 0.5$	Pass
			2	18.00	$\geq 0.5$	Pass
			3	18.01	$\geq 0.5$	Pass
			4	18.01	$\geq 0.5$	Pass
		2437.5	1	17.95	$\geq 0.5$	Pass
			2	18.01	$\geq 0.5$	Pass
			3	18.00	$\geq 0.5$	Pass
			4	18.00	$\geq 0.5$	Pass
		2462.5	1	18.02	$\geq 0.5$	Pass
			2	18.03	$\geq 0.5$	Pass
			3	18.01	$\geq 0.5$	Pass
			4	17.98	$\geq 0.5$	Pass
40MHz BW	SISO	2422.5	1	36.00	$\geq 0.5$	Pass
			2	35.99	$\geq 0.5$	Pass
			3	35.97	$\geq 0.5$	Pass
			4	35.93	$\geq 0.5$	Pass
		2437.5	1	35.97	$\geq 0.5$	Pass

			2	35.99	$\geq 0.5$	Pass
			3	35.95	$\geq 0.5$	Pass
			4	36.04	$\geq 0.5$	Pass
		2452.5	1	35.94	$\geq 0.5$	Pass
			2	35.87	$\geq 0.5$	Pass
			3	35.89	$\geq 0.5$	Pass
			4	35.87	$\geq 0.5$	Pass

ENV	Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
NTNV	1.4MHz BW	MIMO	2403.5	1+2	1.14	$\geq 0.5$	Pass
			2437.5	1+2	1.14	$\geq 0.5$	Pass
			2469.5	1+2	1.14	$\geq 0.5$	Pass
	1.4MHz CA BW	MIMO	2405.12	1+2	1.14	$\geq 0.5$	Pass
			2439.12	1+2	1.14	$\geq 0.5$	Pass
			2471.12	1+2	1.13	$\geq 0.5$	Pass
	3MHz BW	MIMO	2405.5	1+2	2.18	$\geq 0.5$	Pass
			2438.5	1+2	2.18	$\geq 0.5$	Pass
			2468.5	1+2	2.18	$\geq 0.5$	Pass
	3MHz CA BW	MIMO	2408.2	1+2	2.18	$\geq 0.5$	Pass
			2441.2	1+2	2.18	$\geq 0.5$	Pass
			2471.2	1+2	2.18	$\geq 0.5$	Pass
	10MHz BW	MIMO	2407.5	1+2	9.02	$\geq 0.5$	Pass
			2437.5	1+2	9.03	$\geq 0.5$	Pass
			2467.5	1+2	8.99	$\geq 0.5$	Pass
	20MHz BW	MIMO	2412.5	1+2	18.01	$\geq 0.5$	Pass
			2437.5	1+2	17.99	$\geq 0.5$	Pass
			2462.5	1+2	17.99	$\geq 0.5$	Pass
	40MHz BW	MIMO	2422.5	1+2	36.01	$\geq 0.5$	Pass
			2437.5	1+2	35.90	$\geq 0.5$	Pass
			2452.5	1+2	35.82	$\geq 0.5$	Pass

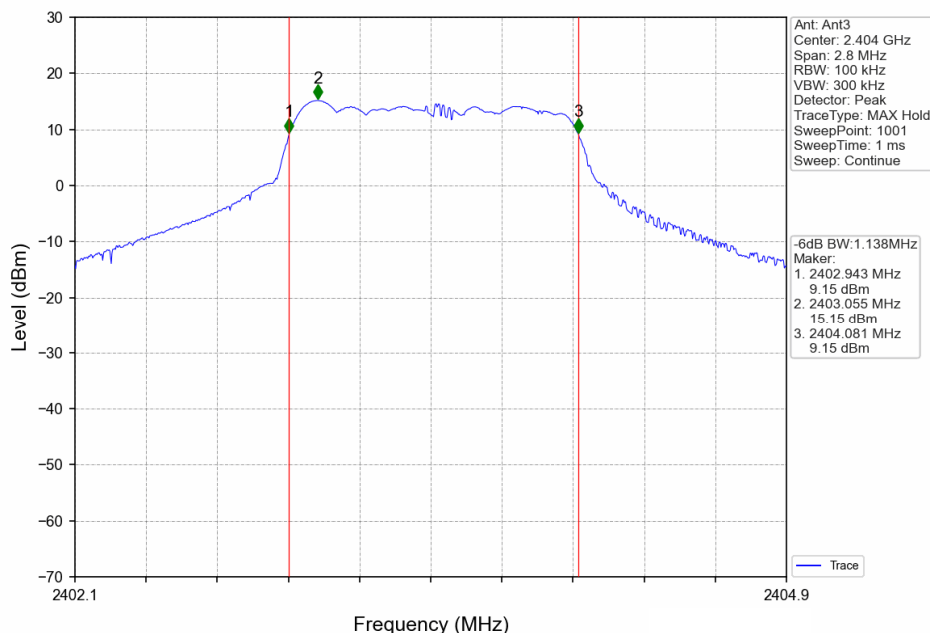
Antenna 1,2,3,4,1+2,1+4,2+3 and 3+4 were tested. Only the worst case(Antenna 1 in SISO mode and Antenna 1+2 in MIMO mode) was recorded in the report.

## 2.2.2 Test Graph

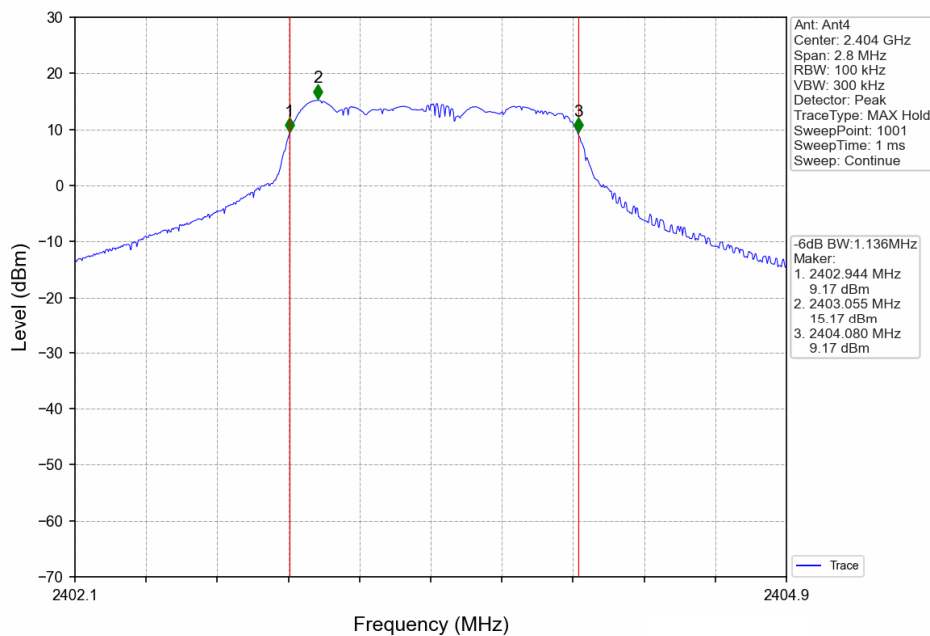




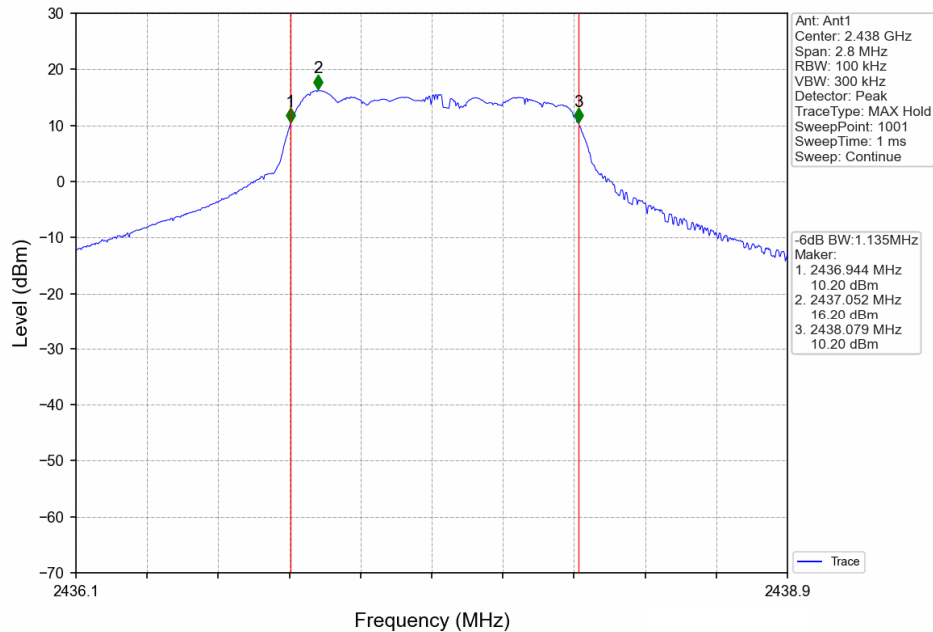
1.4MHz BW\_LCH\_2403.5MHz\_Ant3\_NTNV



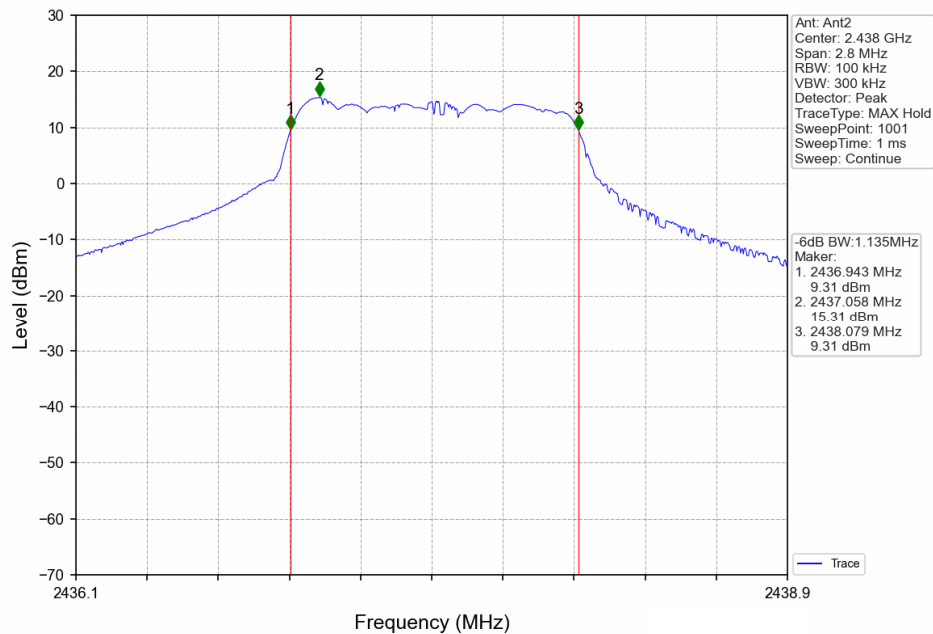
1.4MHz BW\_LCH\_2403.5MHz\_Ant4\_NTNV



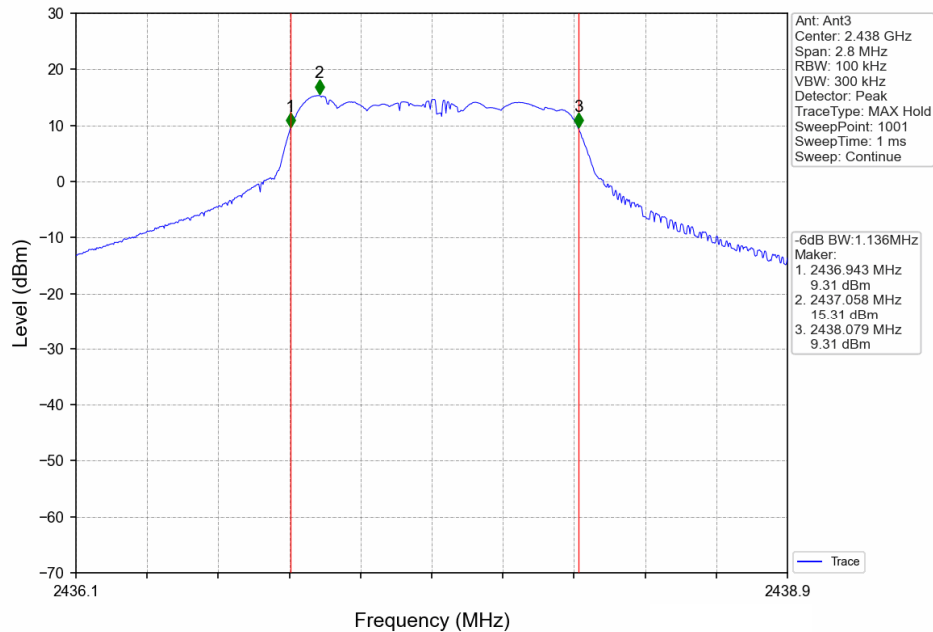
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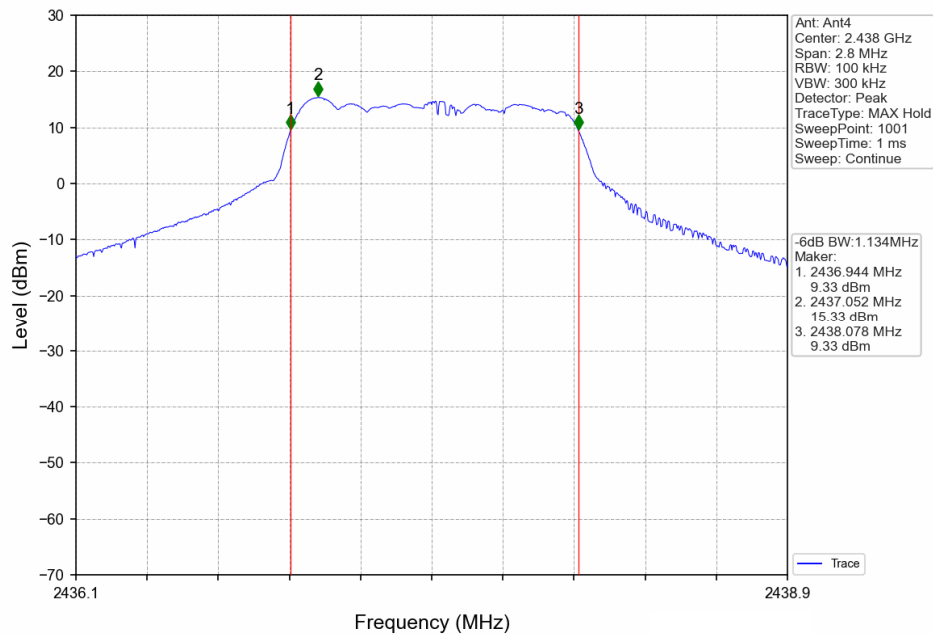
1.4MHz BW\_MCH\_2437.5MHz\_Ant2\_NTNV



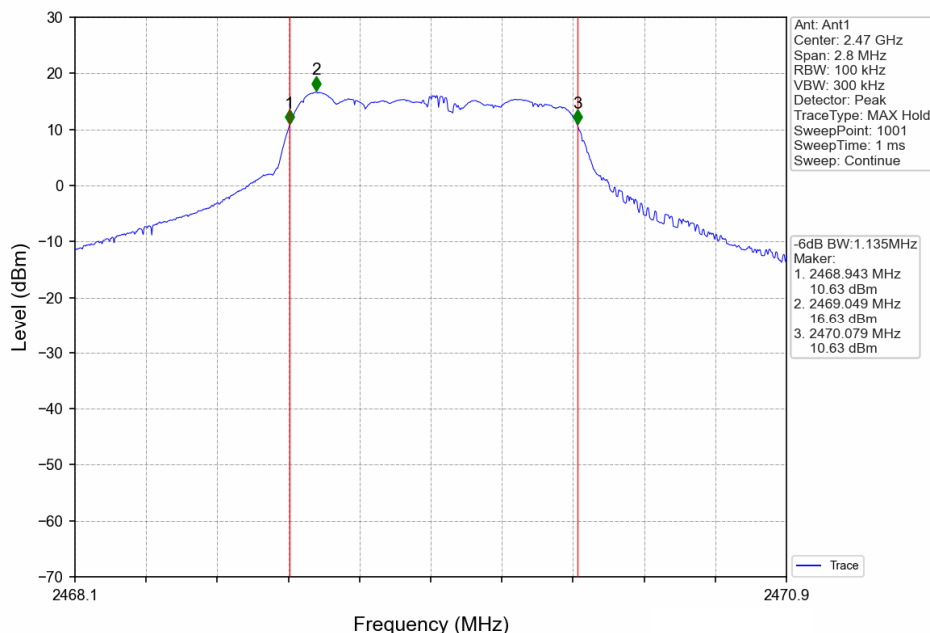
1.4MHz BW\_MCH\_2437.5MHz\_Ant3\_NTNV



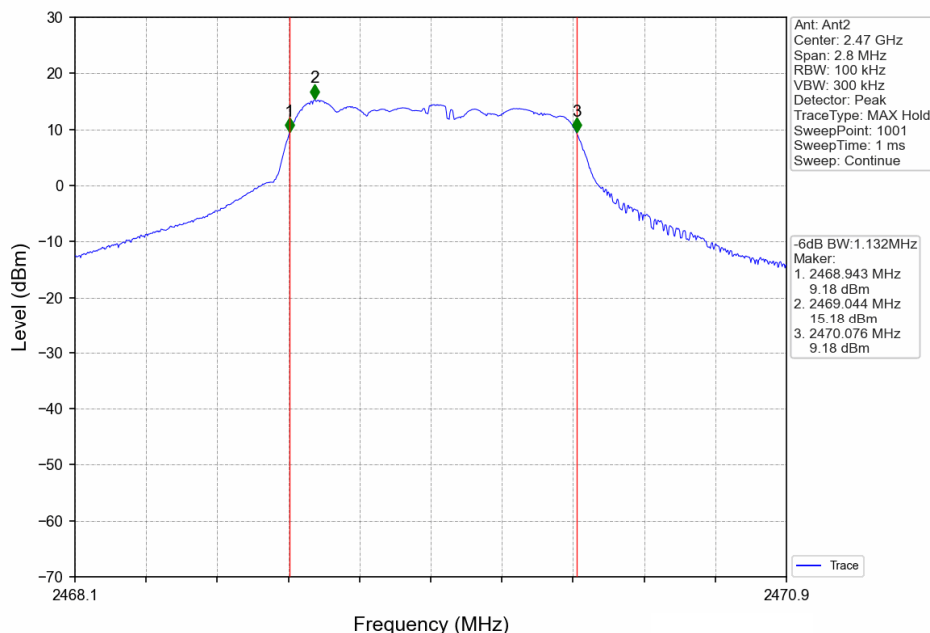
1.4MHz BW\_MCH\_2437.5MHz\_Ant4\_NTNV



1.4MHz BW\_HCH\_2469.5MHz\_Ant1\_NTNV

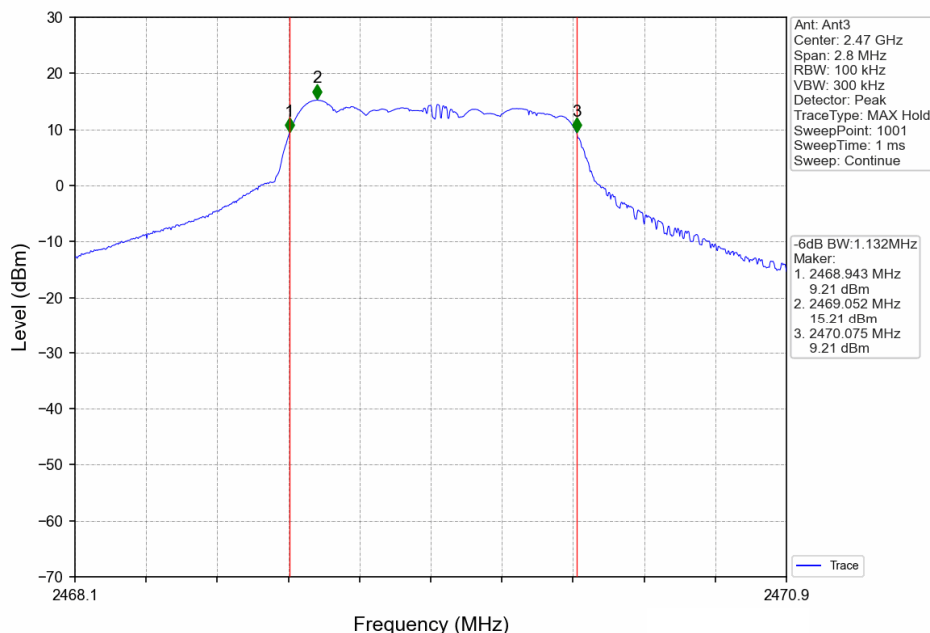


1.4MHz BW\_HCH\_2469.5MHz\_Ant2\_NTNV

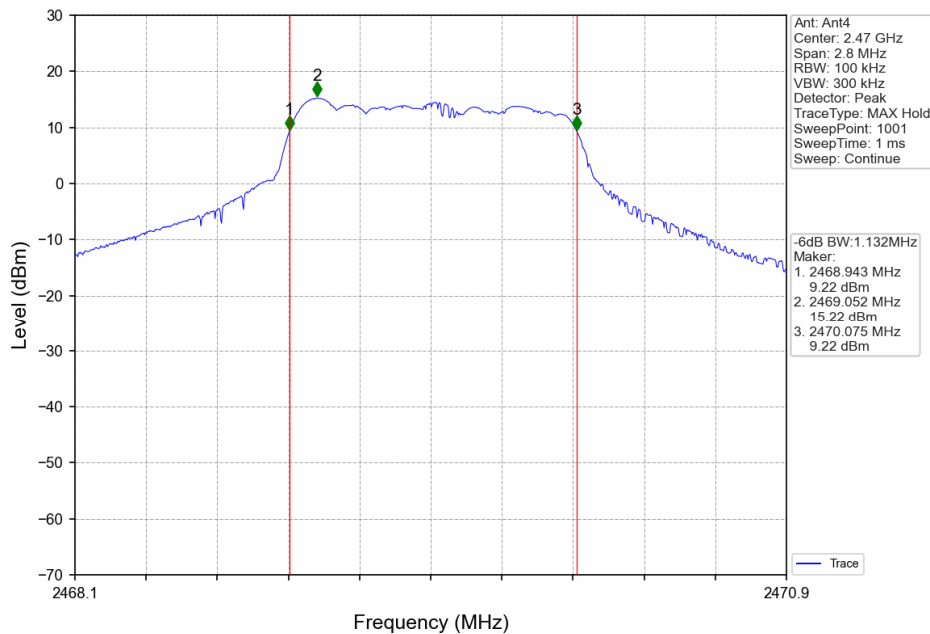


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1.4MHz BW\_HCH\_2469.5MHz\_Ant3\_NTNV

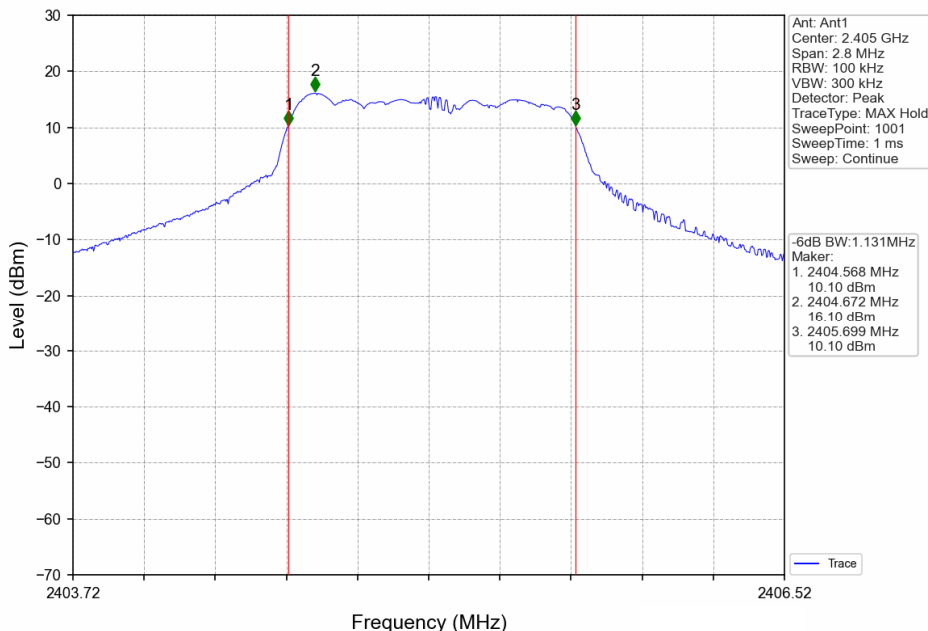


1.4MHz BW\_HCH\_2469.5MHz\_Ant4\_NTNV

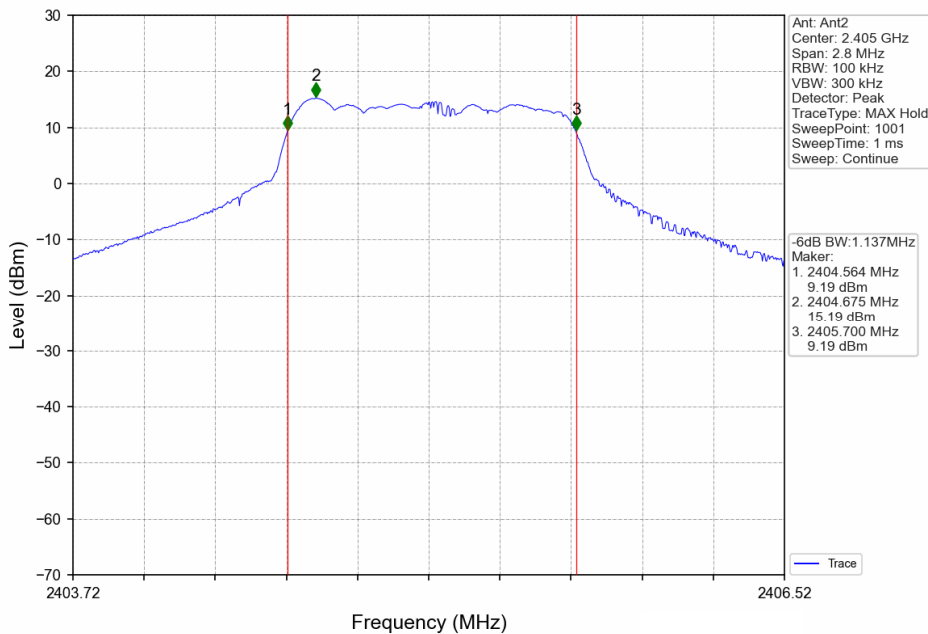




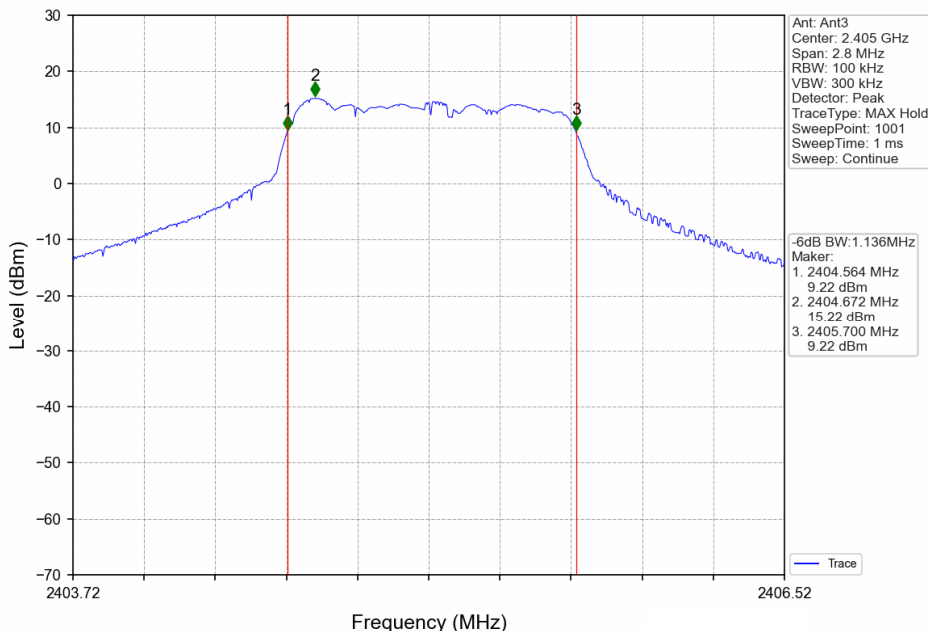
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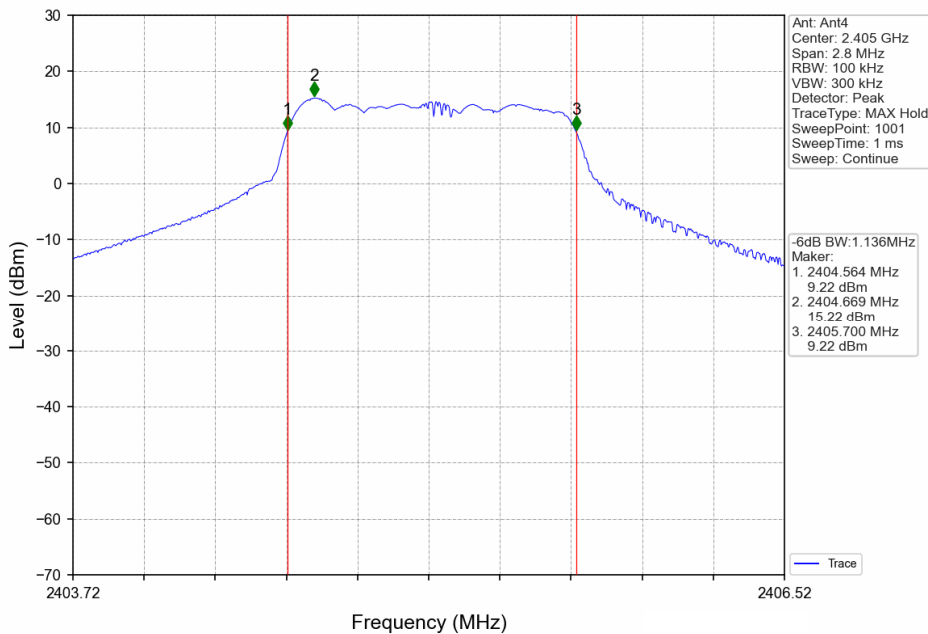
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### 1.4MHz CA BW\_LCH\_2405.12MHz\_Ant3\_NTNV

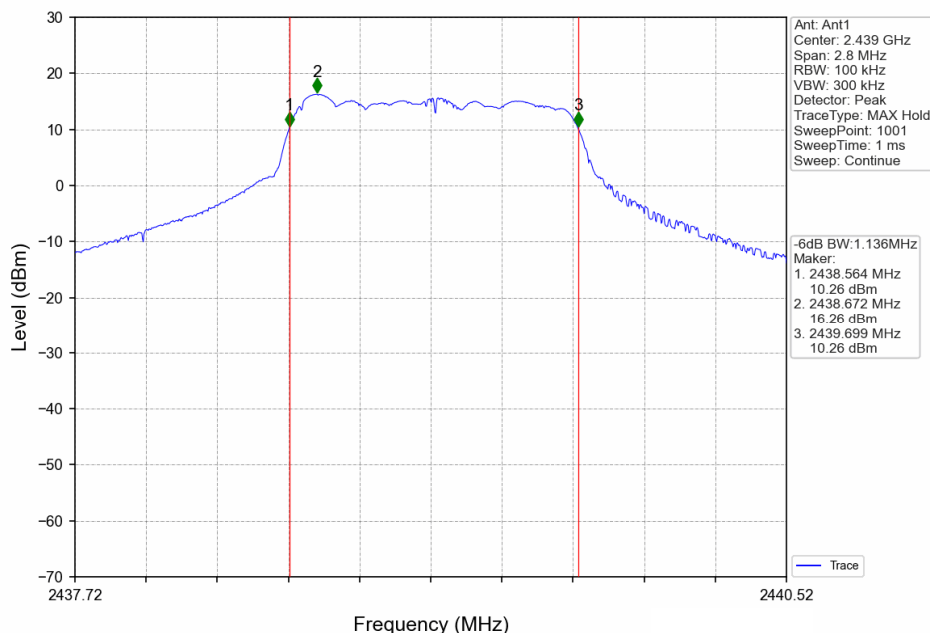


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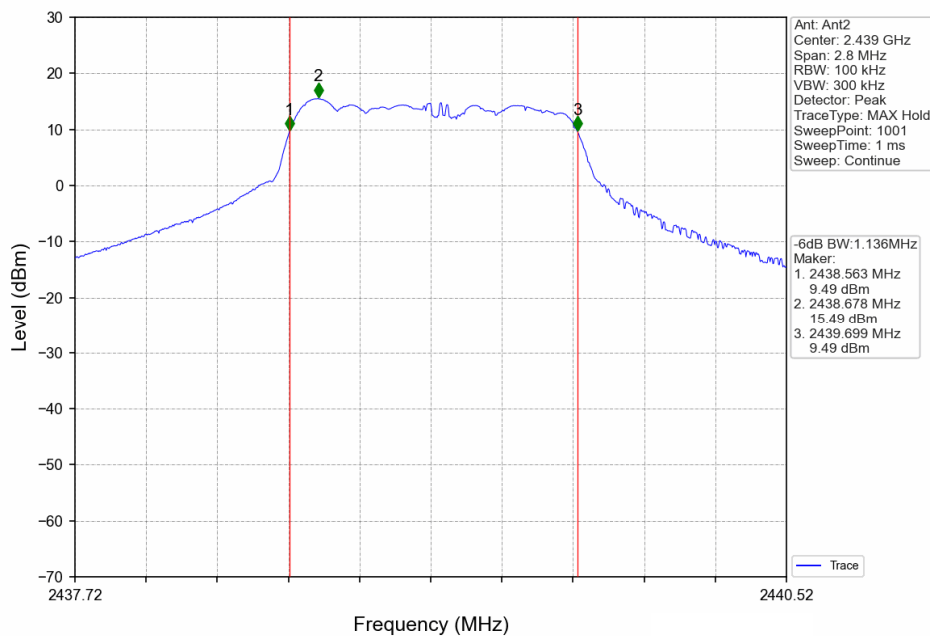


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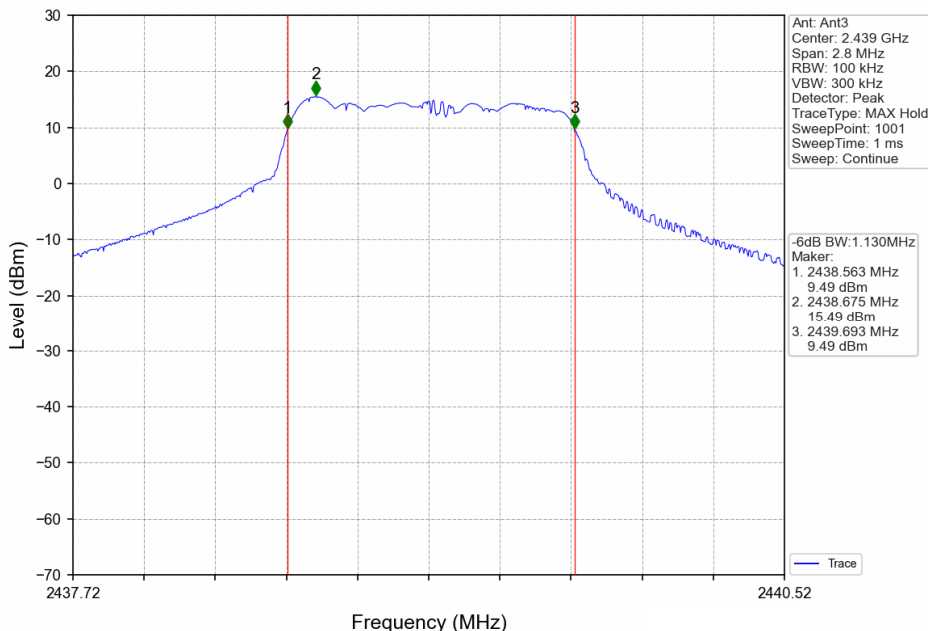
### 1.4MHz CA BW\_MCH\_2439.12MHz\_Ant1\_NTNV



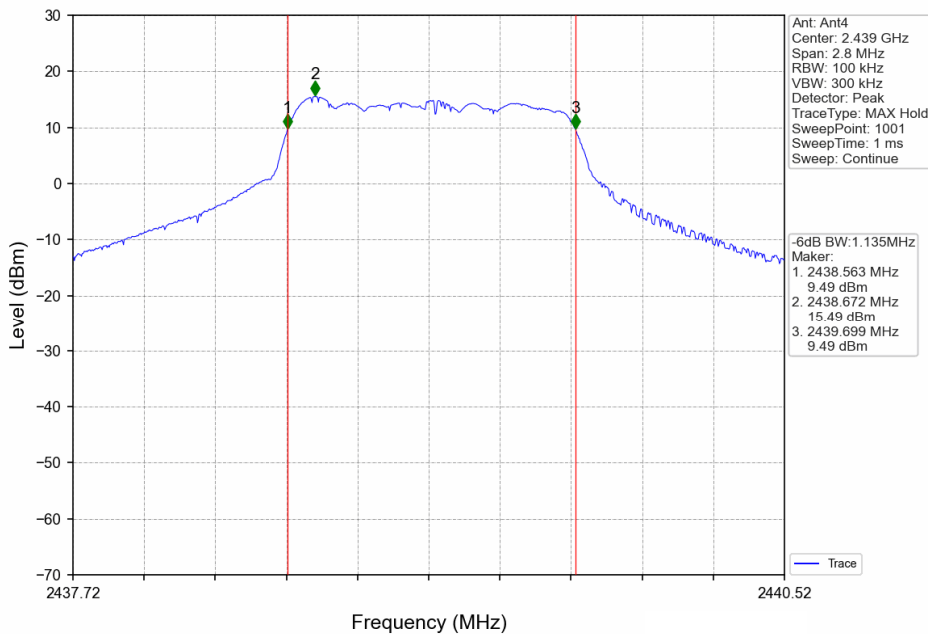
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### 1.4MHz CA BW\_MCH\_2439.12MHz\_Ant3\_NTNV

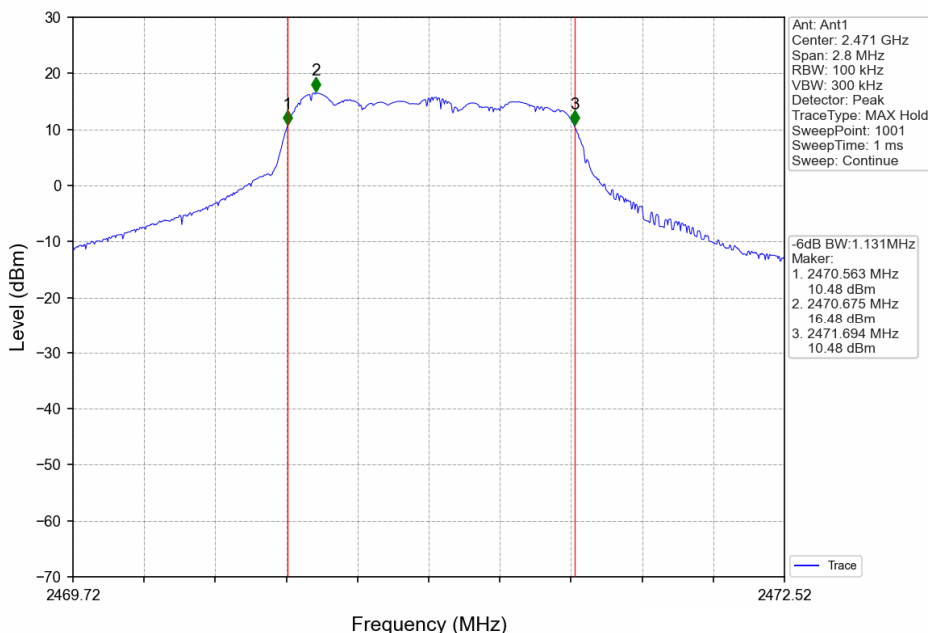


### 1.4MHz CA BW\_MCH\_2439.12MHz\_Ant4\_NTNV

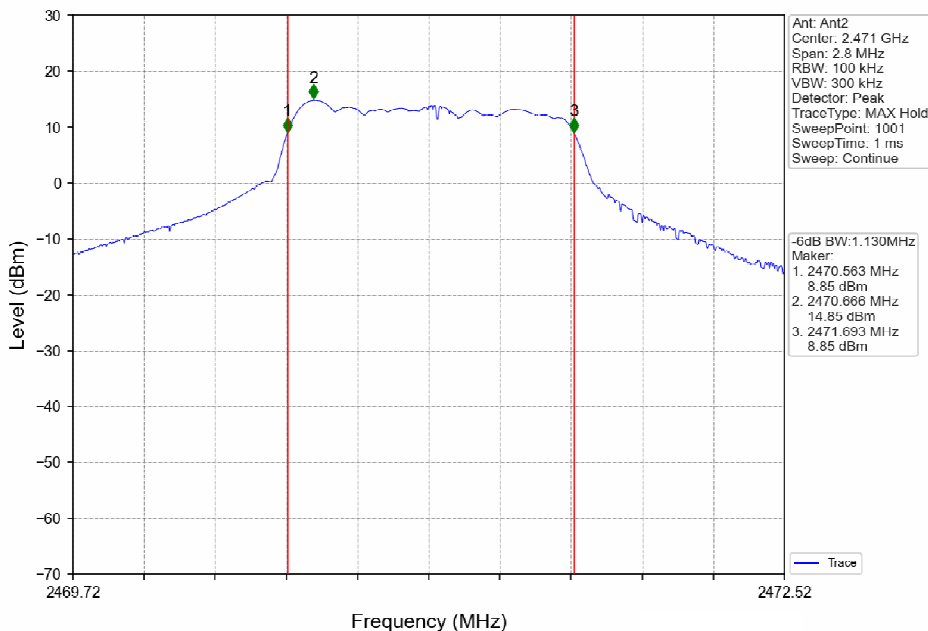


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### 1.4MHz CA BW\_HCH\_2471.12MHz\_Ant1\_NTNV

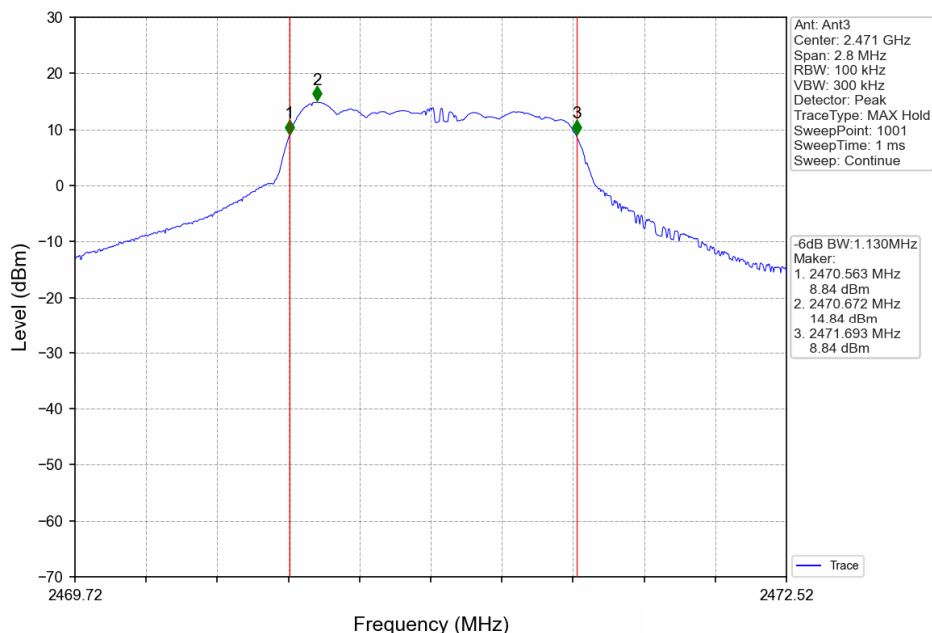


### 1.4MHz CA BW\_HCH\_2471.12MHz\_Ant2\_NTNV

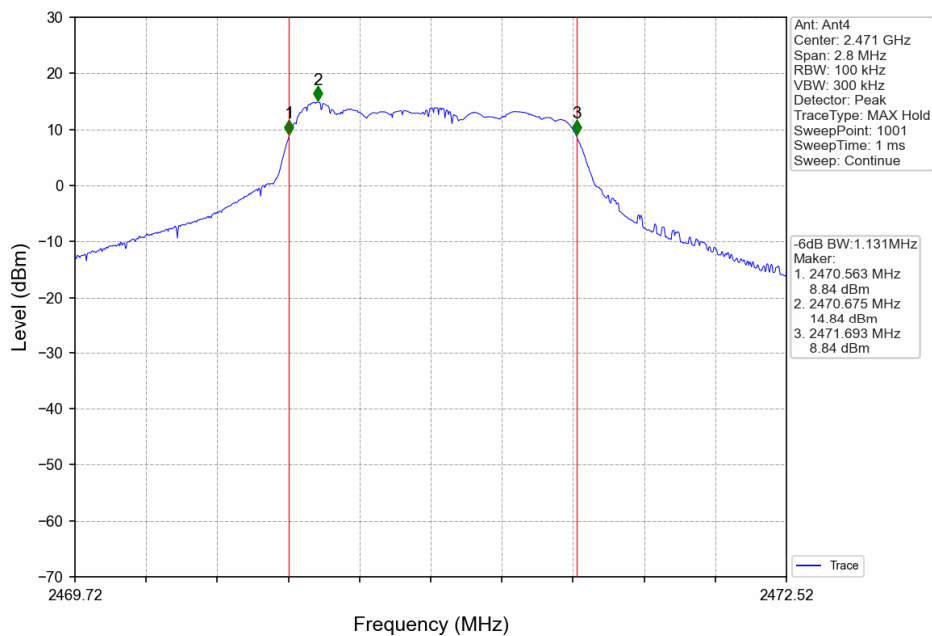




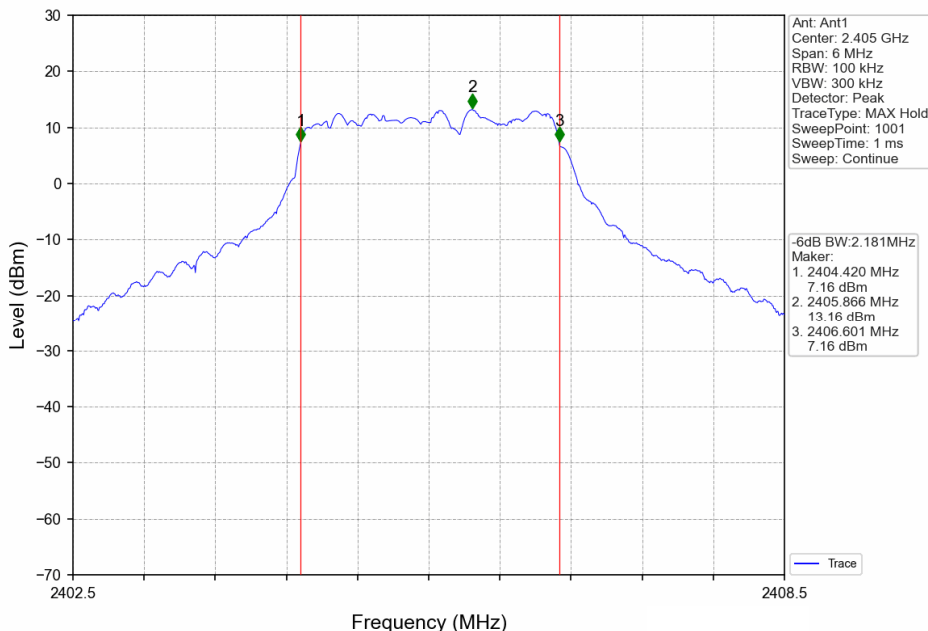
1.4MHz CA BW\_HCH\_2471.12MHz\_Ant3\_NTNV



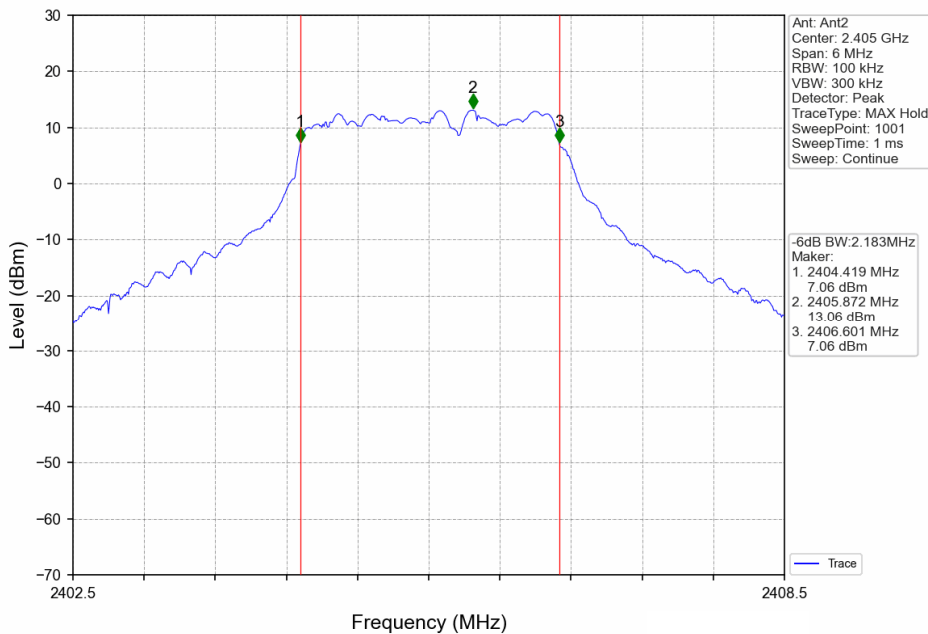
1.4MHz CA BW\_HCH\_2471.12MHz\_Ant4\_NTNV



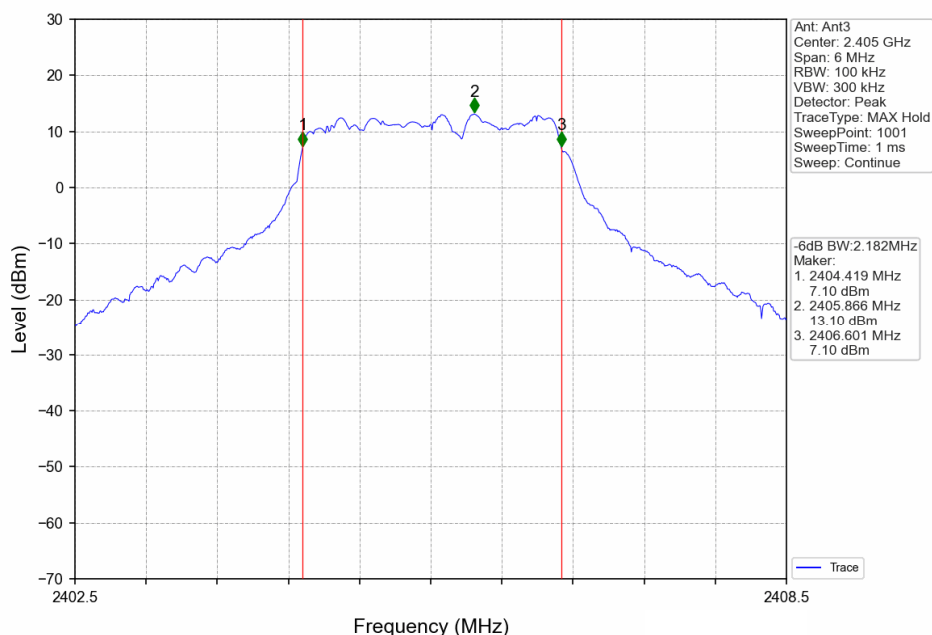
3MHz BW\_LCH\_2405.5MHz\_Ant1\_NTNV



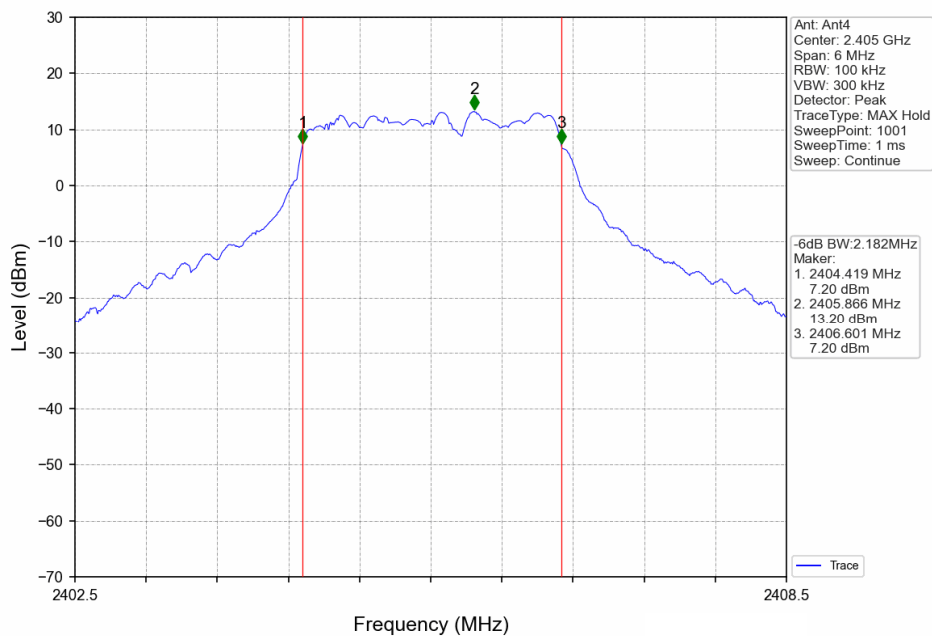
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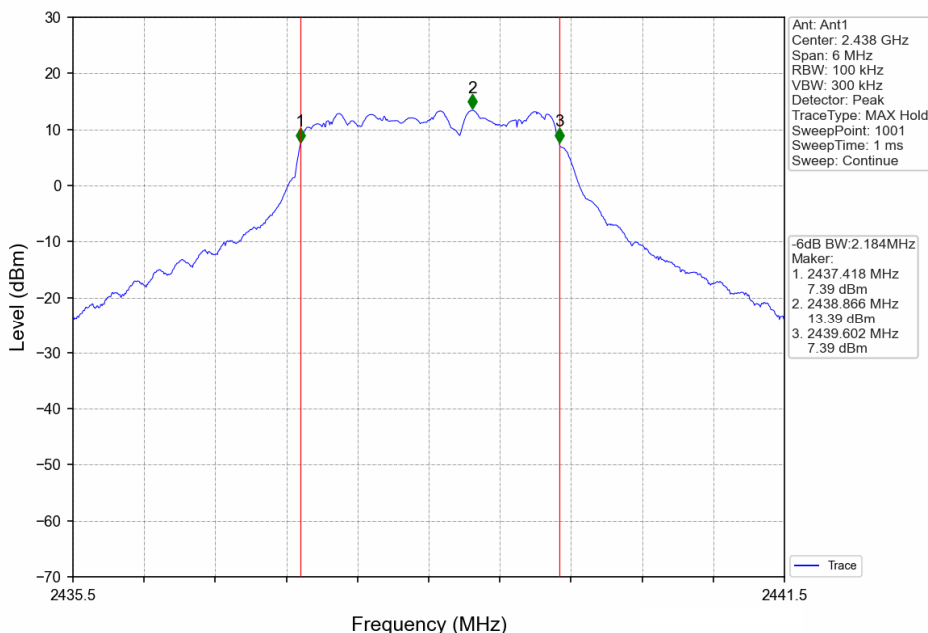
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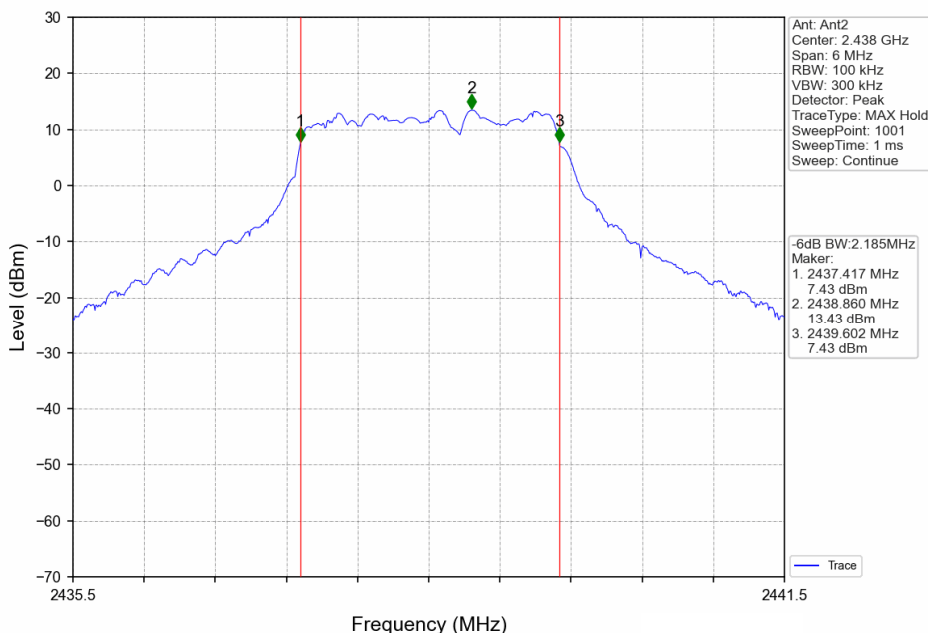
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3MHz BW\_MCH\_2438.5MHz\_Ant1\_NTNV



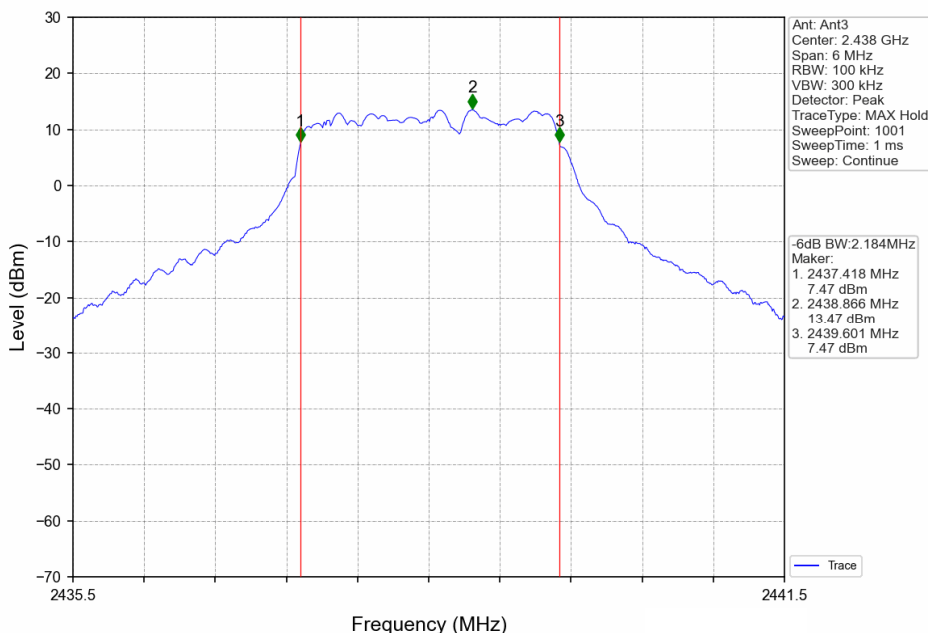
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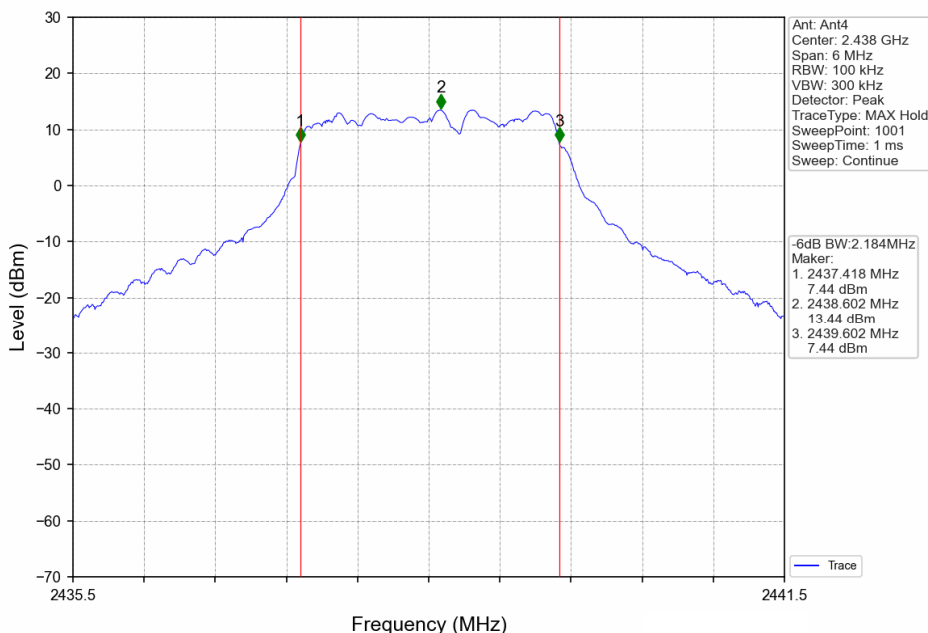
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3MHz BW\_MCH\_2438.5MHz\_Ant3\_NTNV



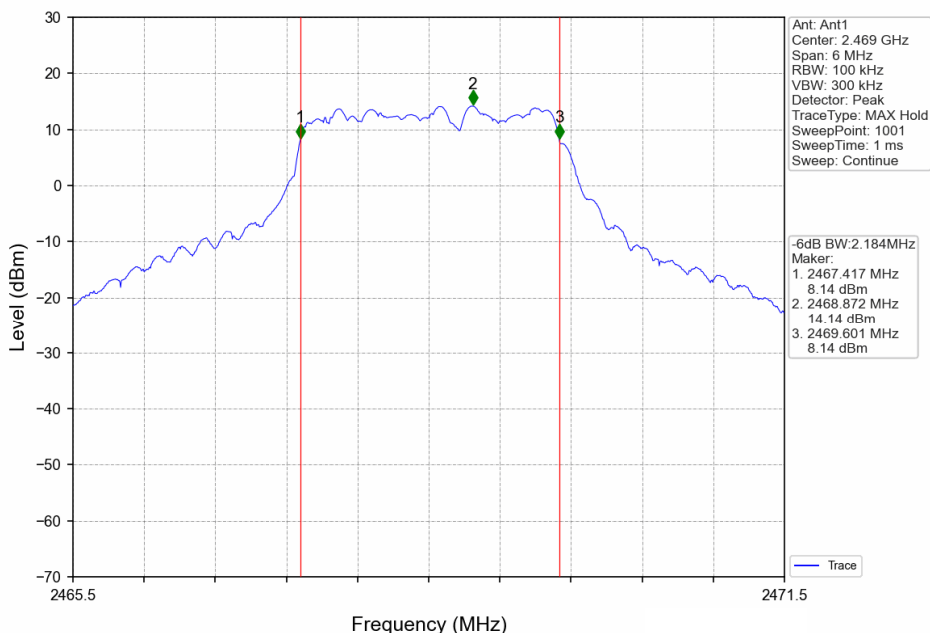
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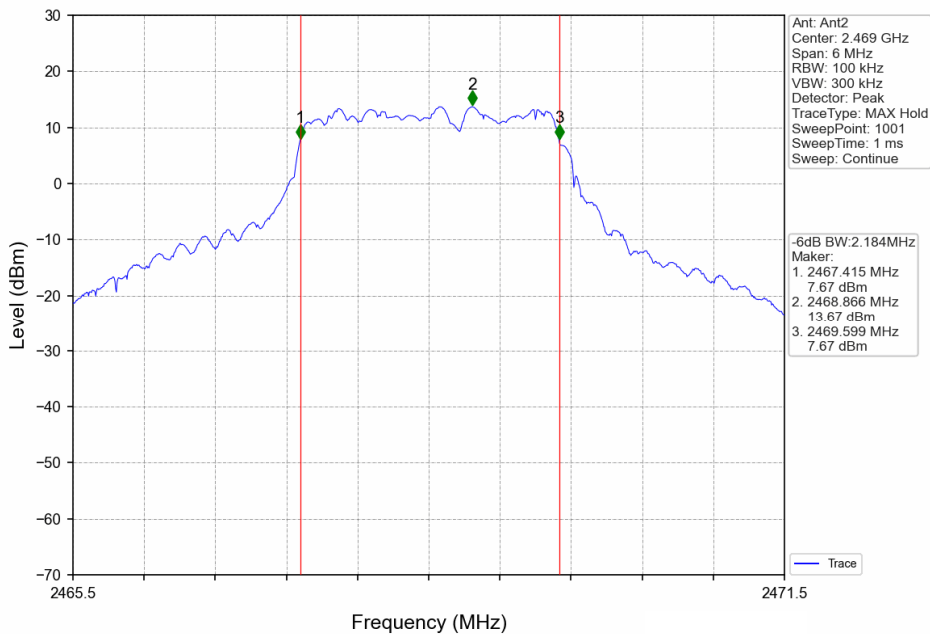
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3MHz BW\_HCH\_2468.5MHz\_Ant1\_NTNV

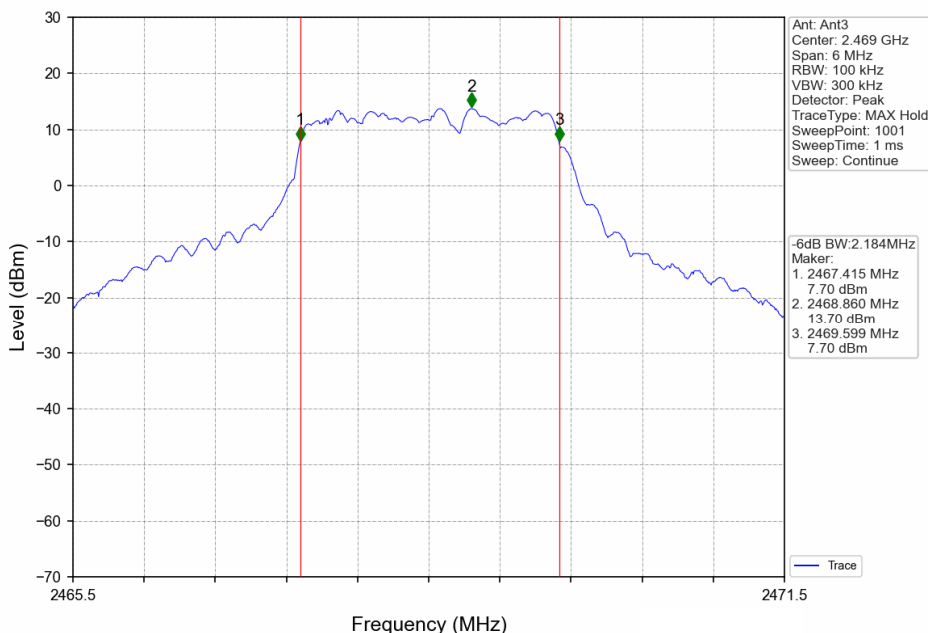


3MHz BW\_HCH\_2468.5MHz\_Ant2\_NTNV

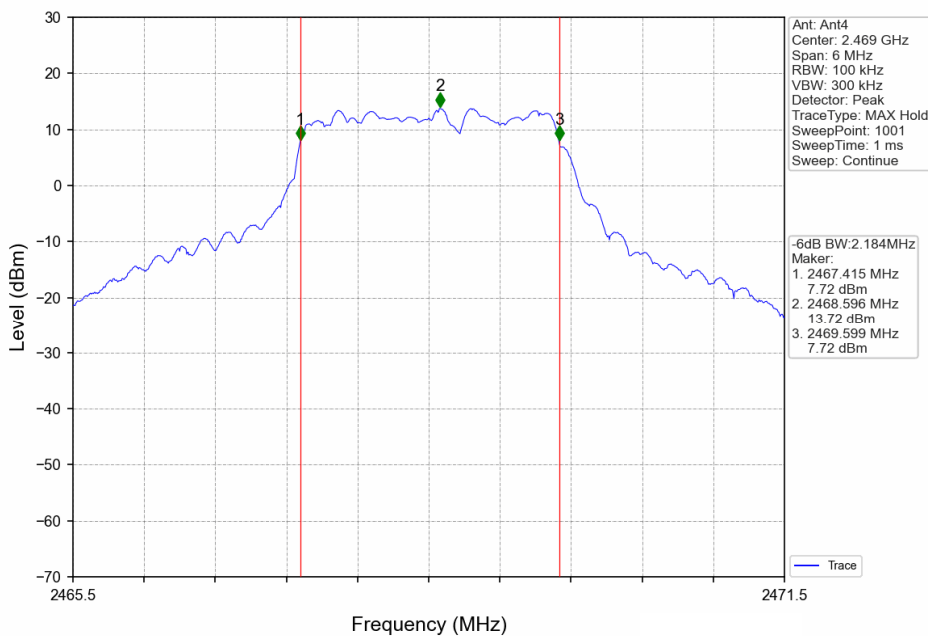


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3MHz BW\_HCH\_2468.5MHz\_Ant3\_NTNV

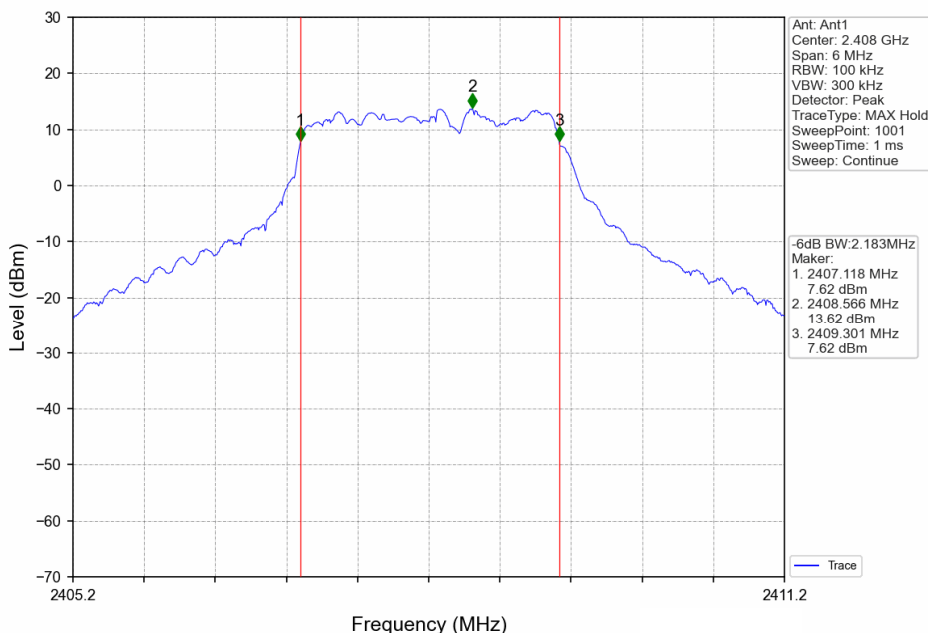


3MHz BW\_HCH\_2468.5MHz\_Ant4\_NTNV

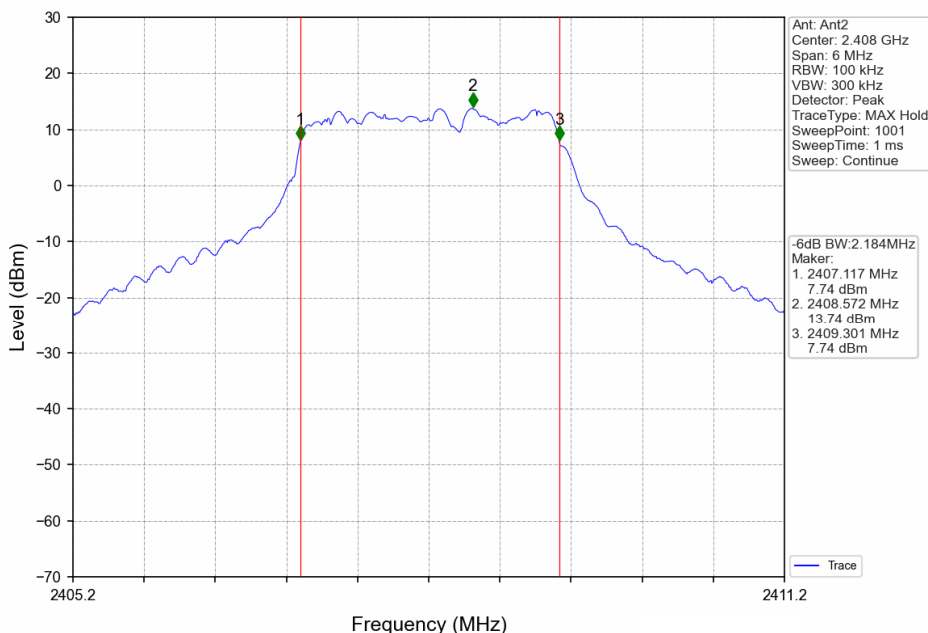


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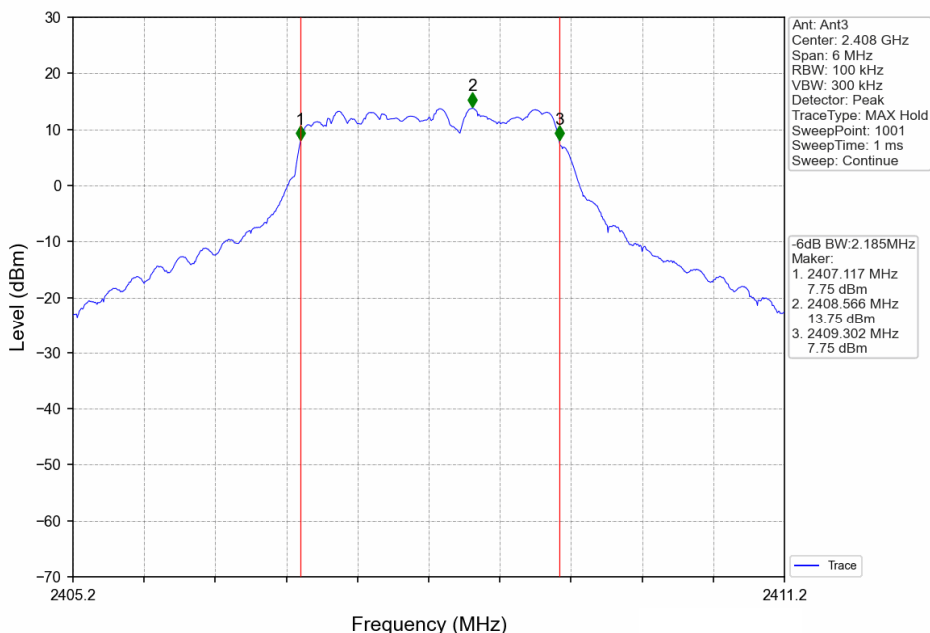
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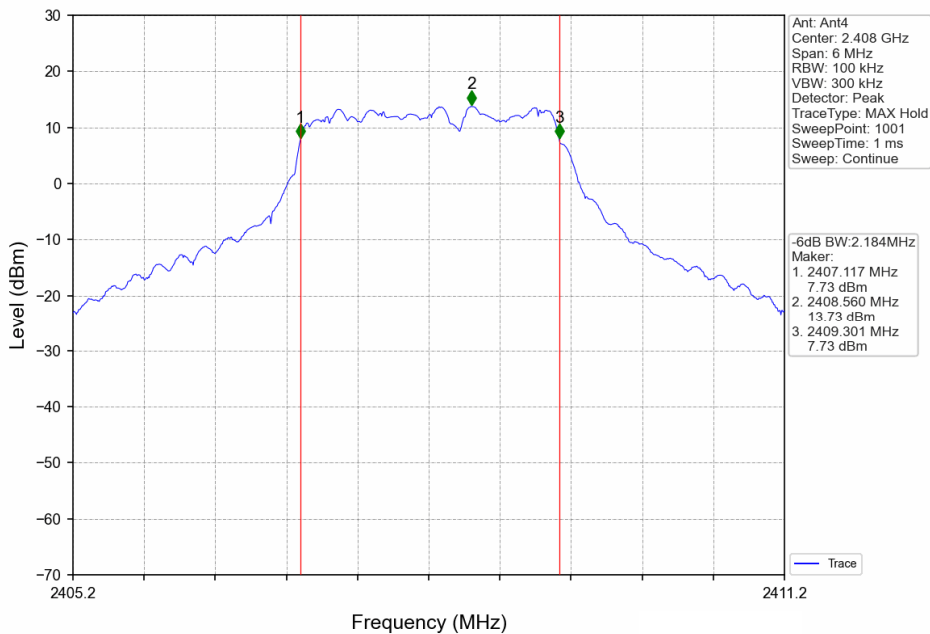
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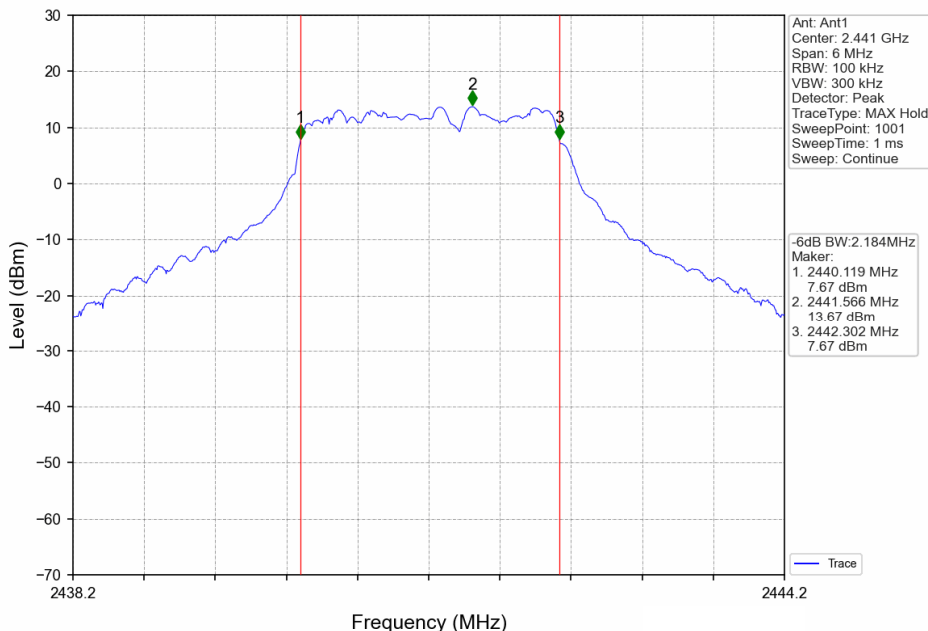
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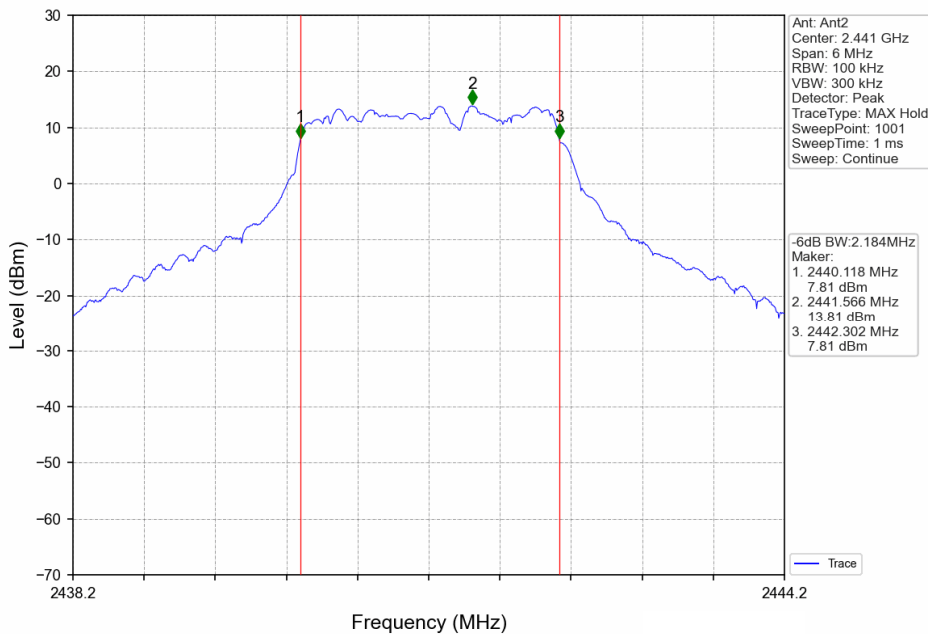
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### 3MHz CA BW\_MCH\_2441.2MHz\_Ant1\_NTNV



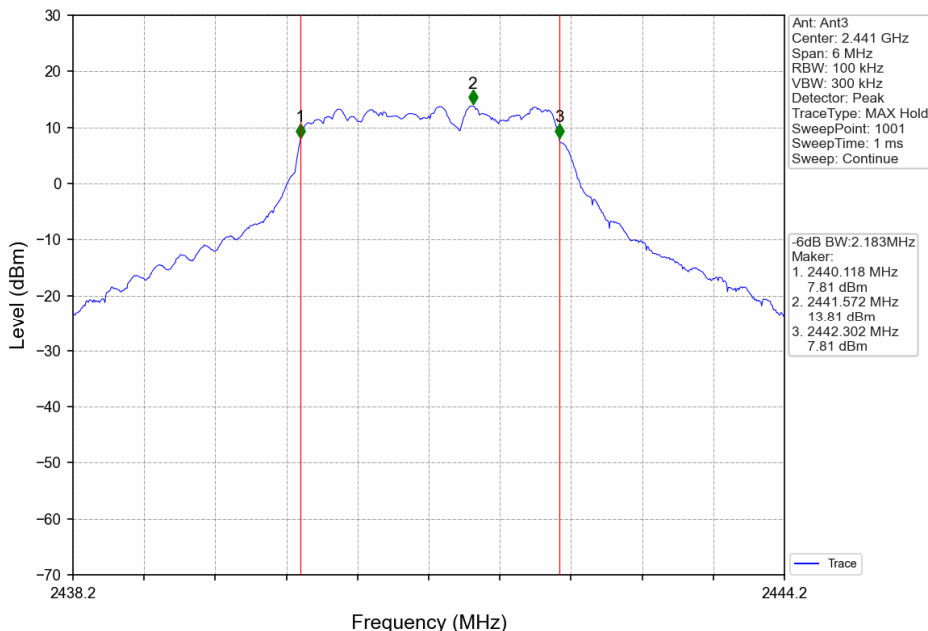
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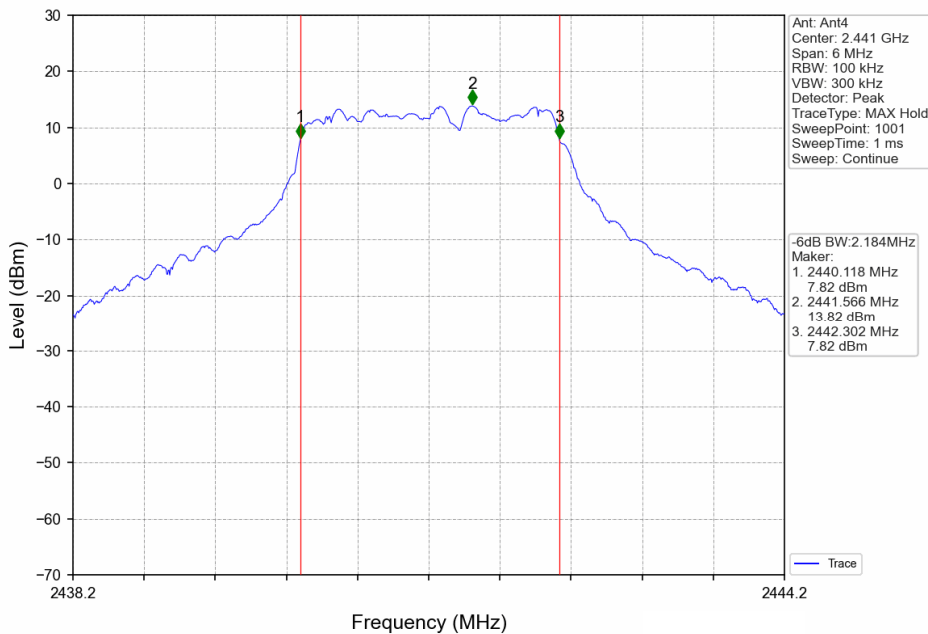
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### 3MHz CA BW\_MCH\_2441.2MHz\_Ant3\_NTNV



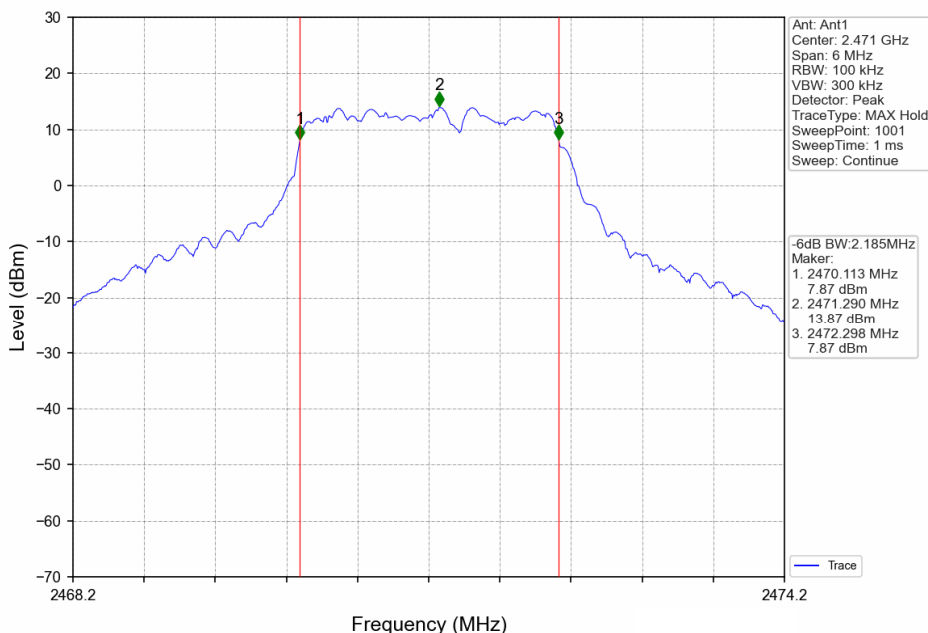
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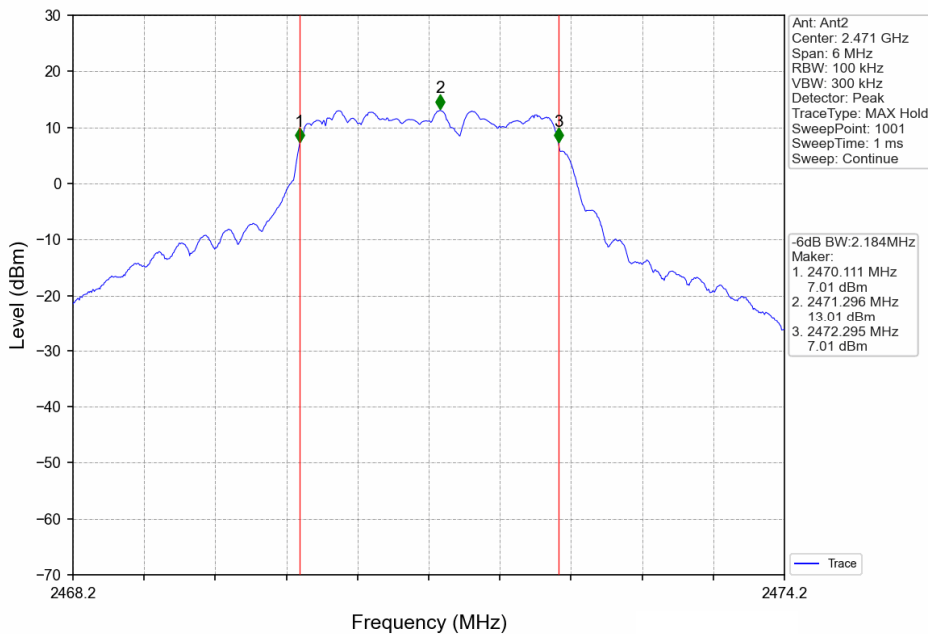
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3MHz CA BW\_HCH\_2471.2MHz\_Ant1\_NTNV



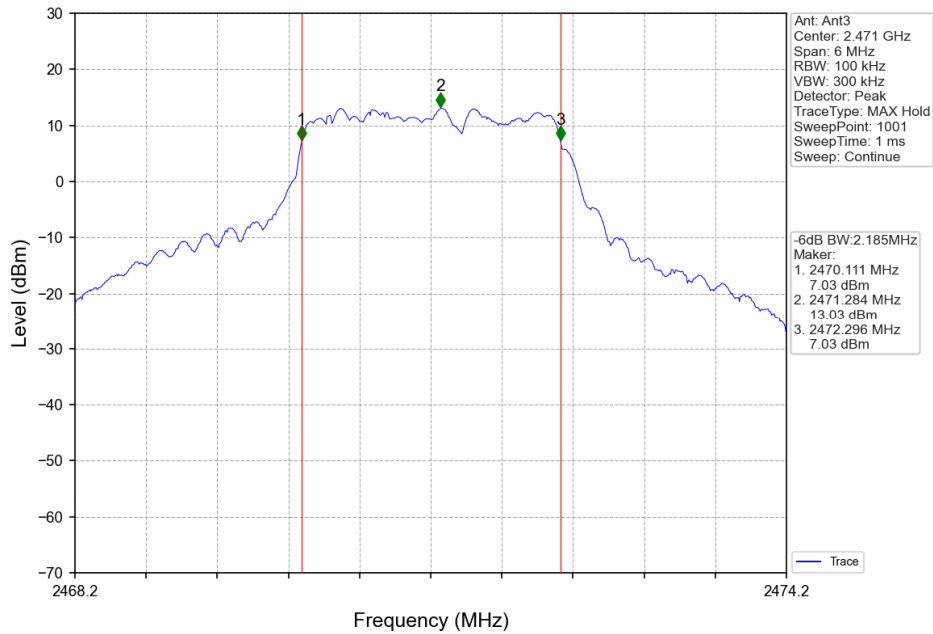
3MHz CA BW\_HCH\_2471.2MHz\_Ant2\_NTNV



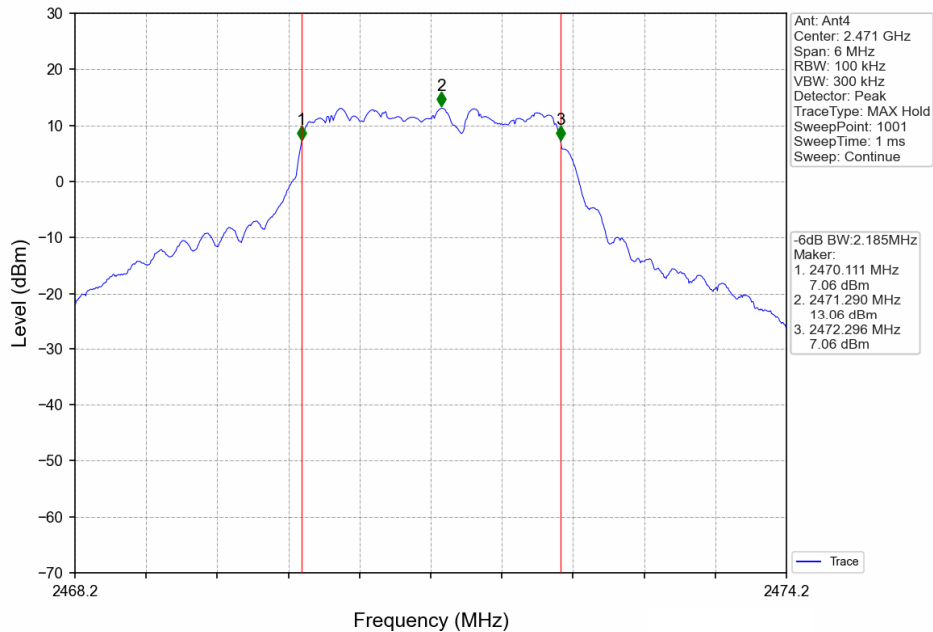
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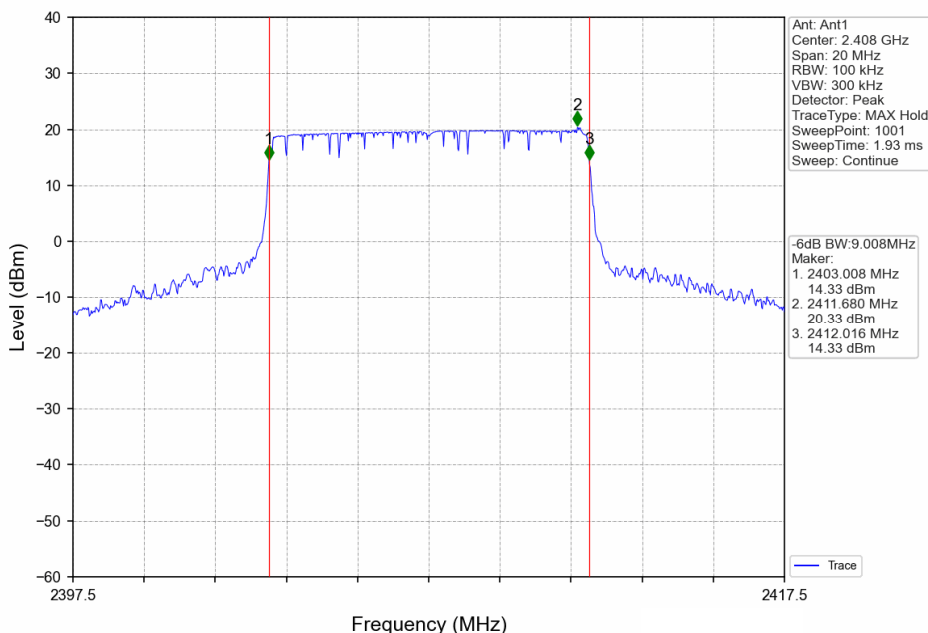
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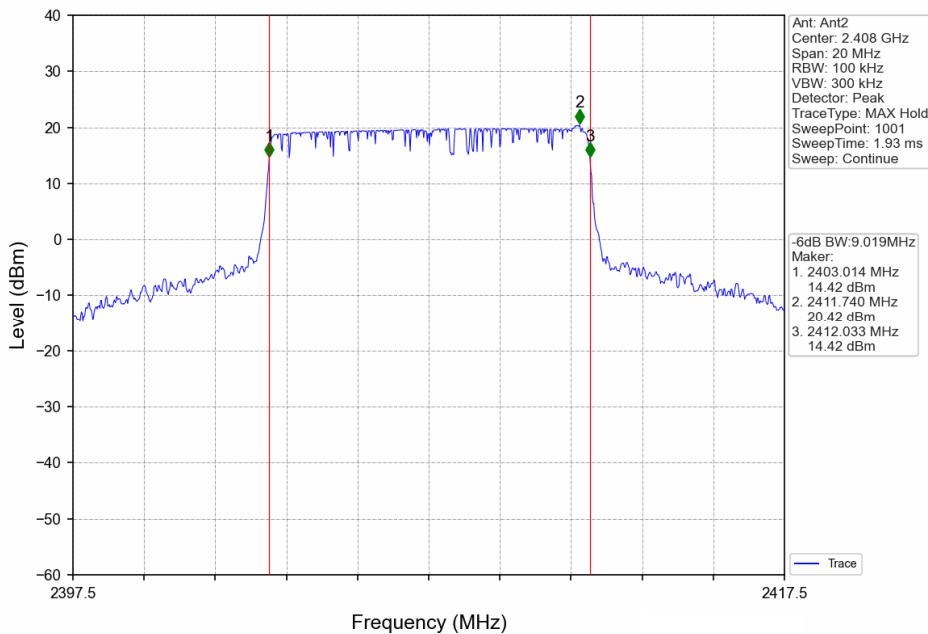
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10MHz BW\_LCH\_2407.5MHz\_Ant1\_NTNV

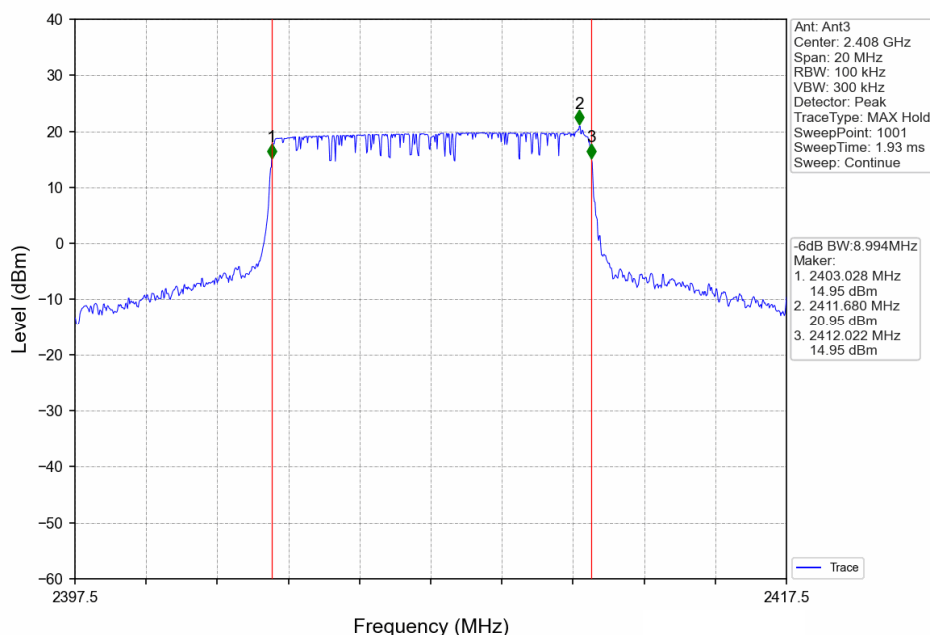


10MHz BW\_LCH\_2407.5MHz\_Ant2\_NTNV

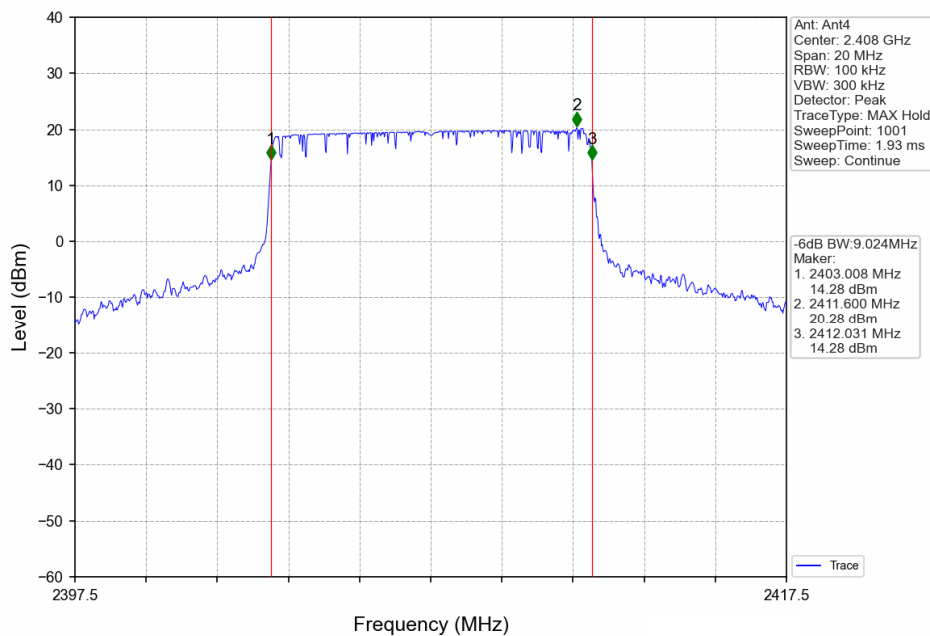


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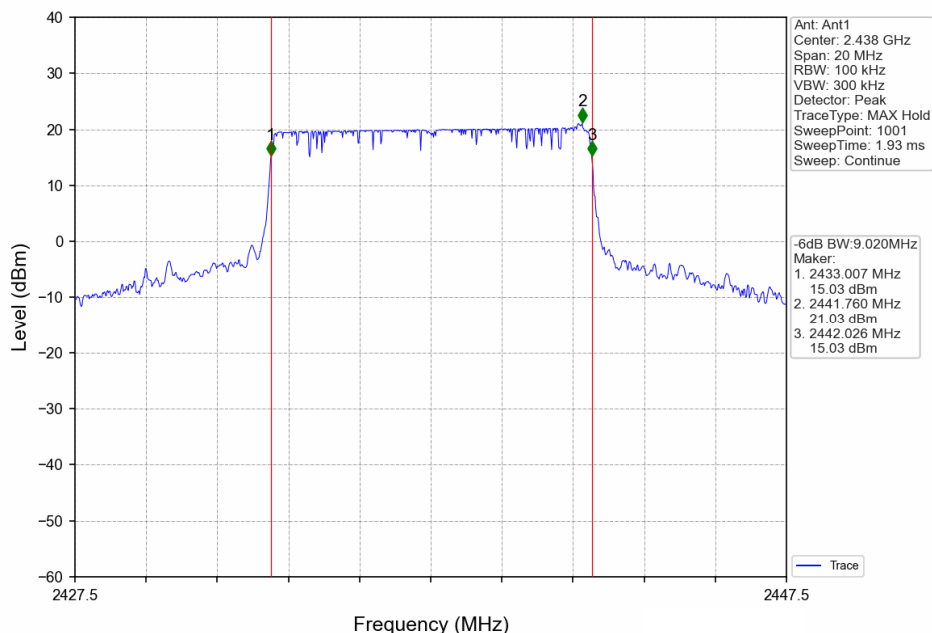


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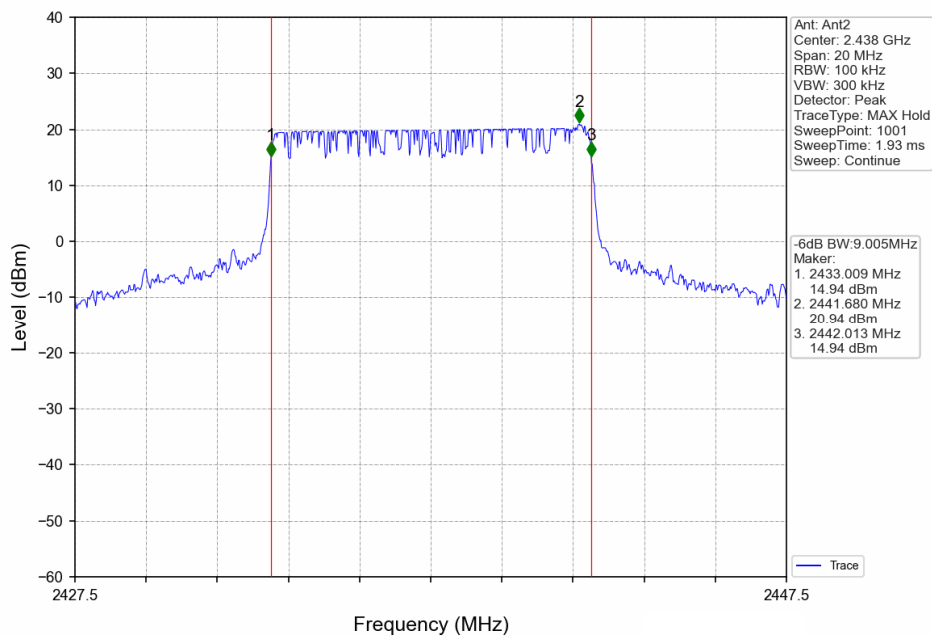




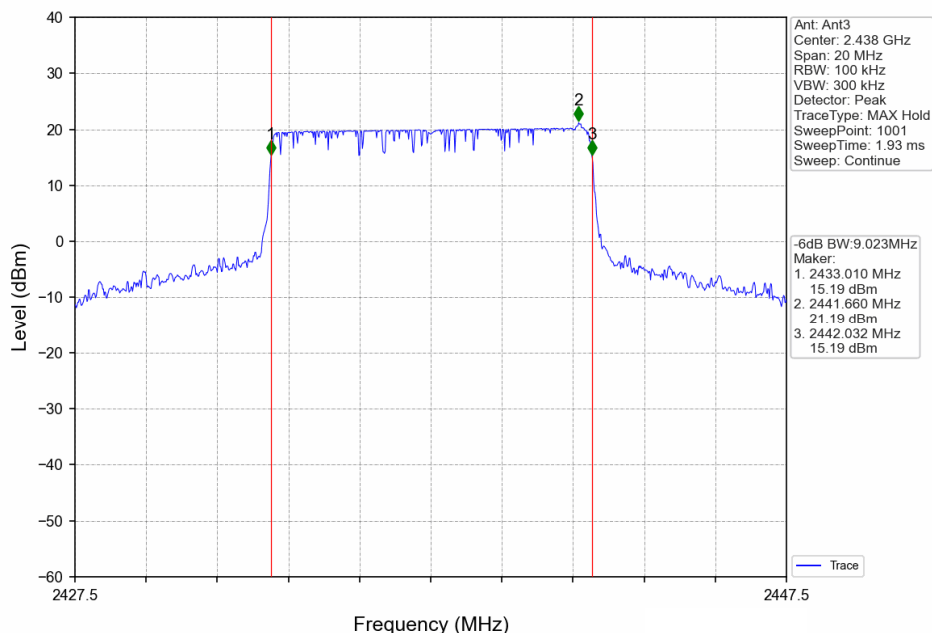
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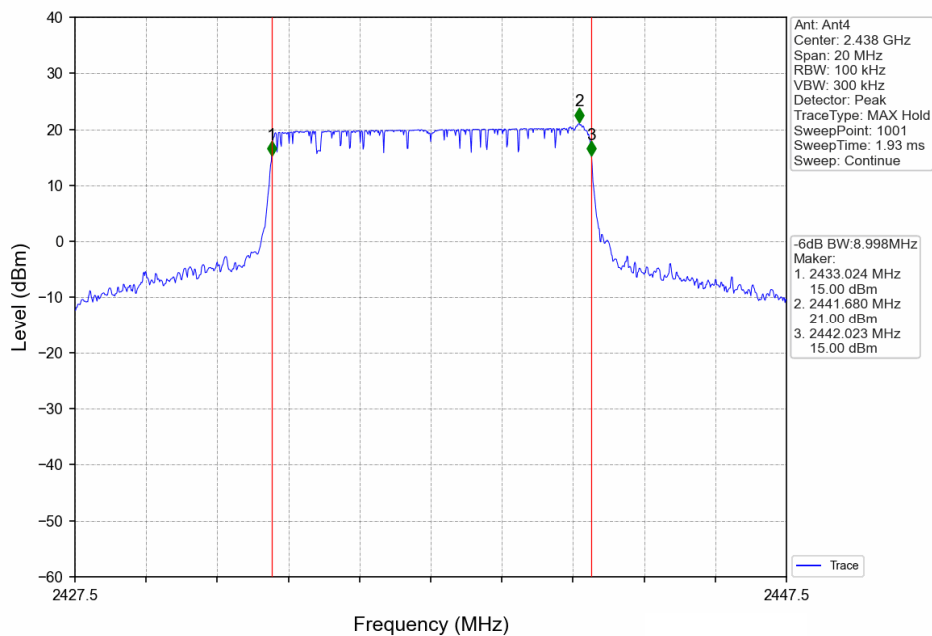
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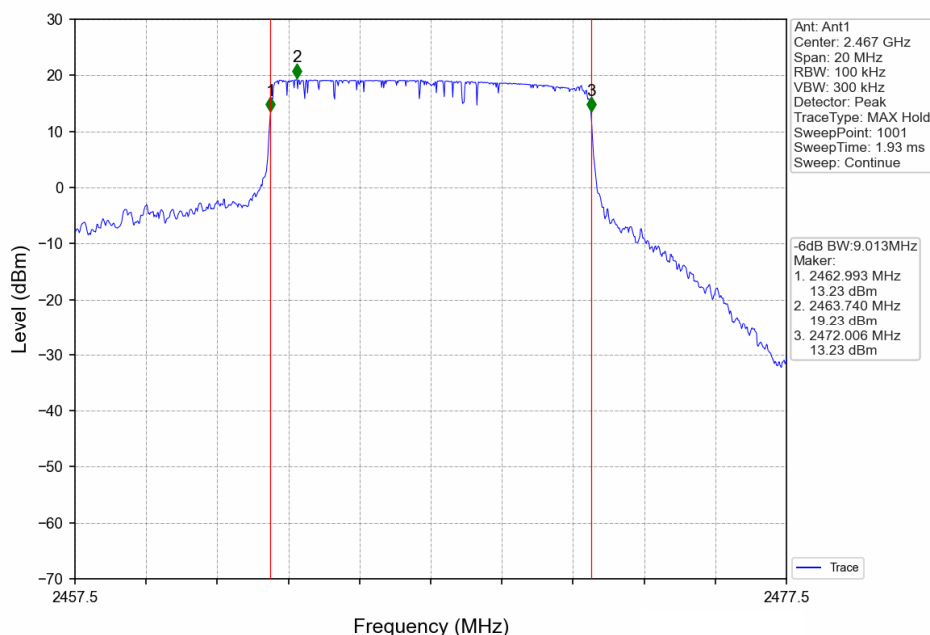
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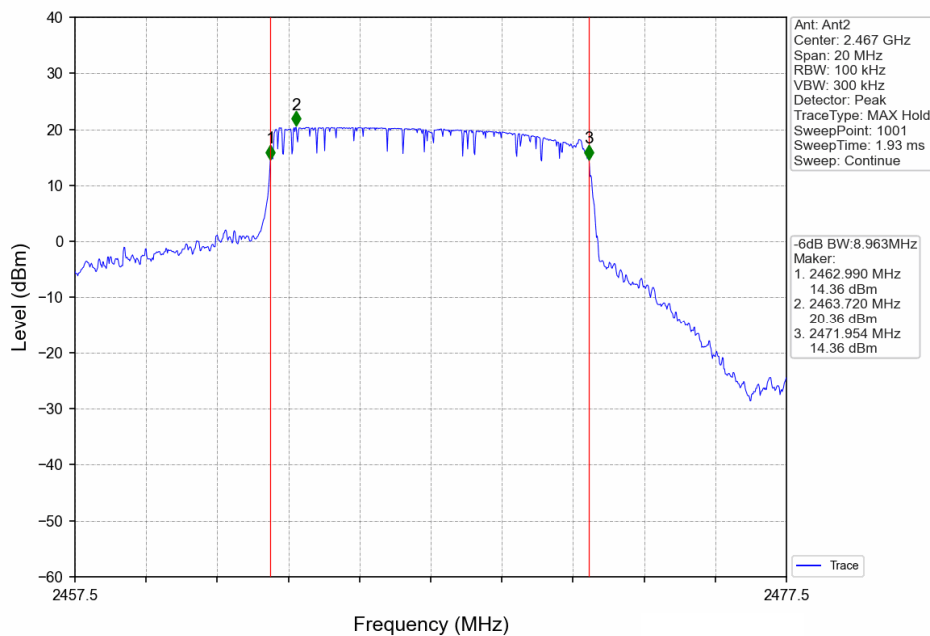
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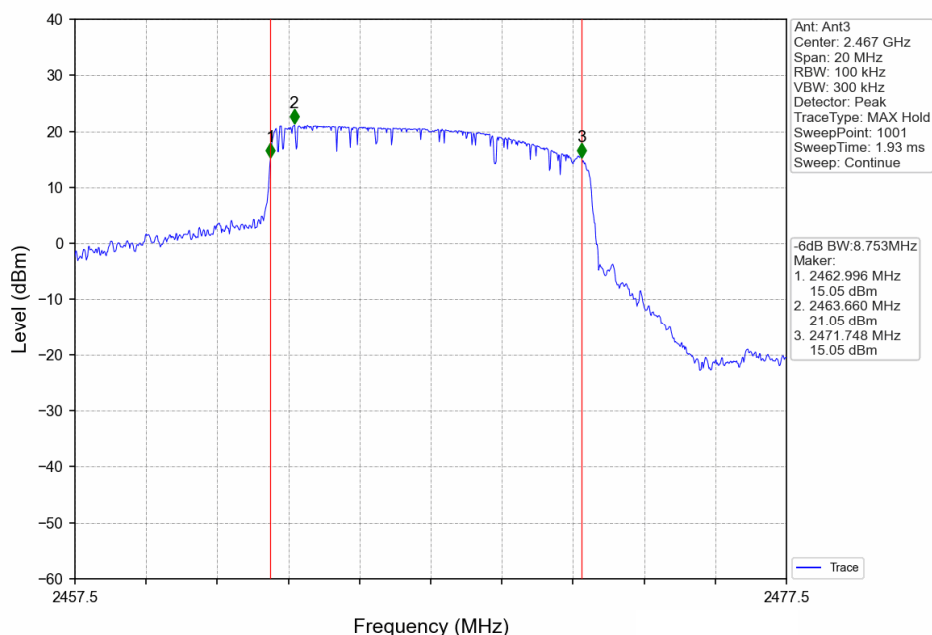
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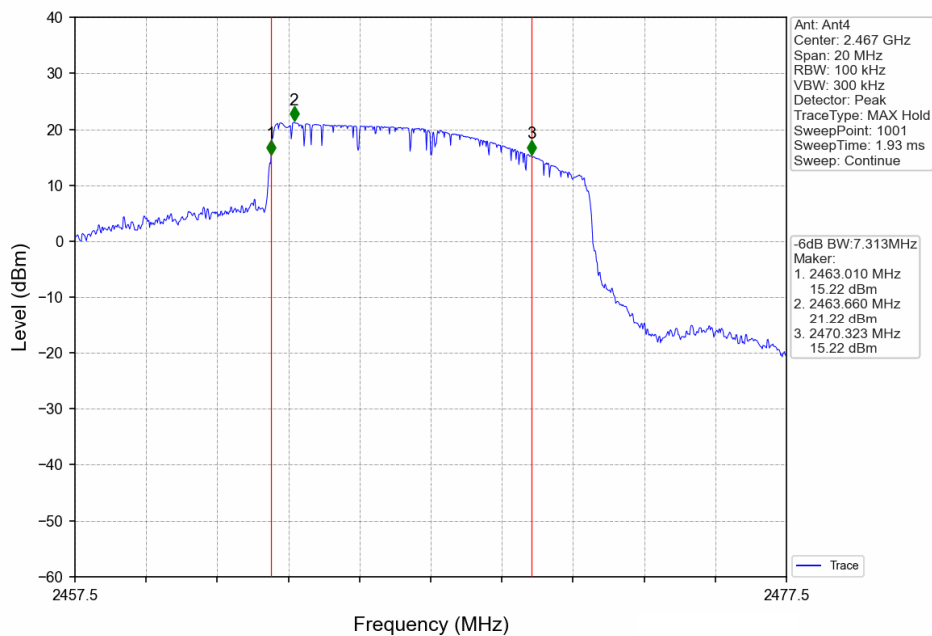
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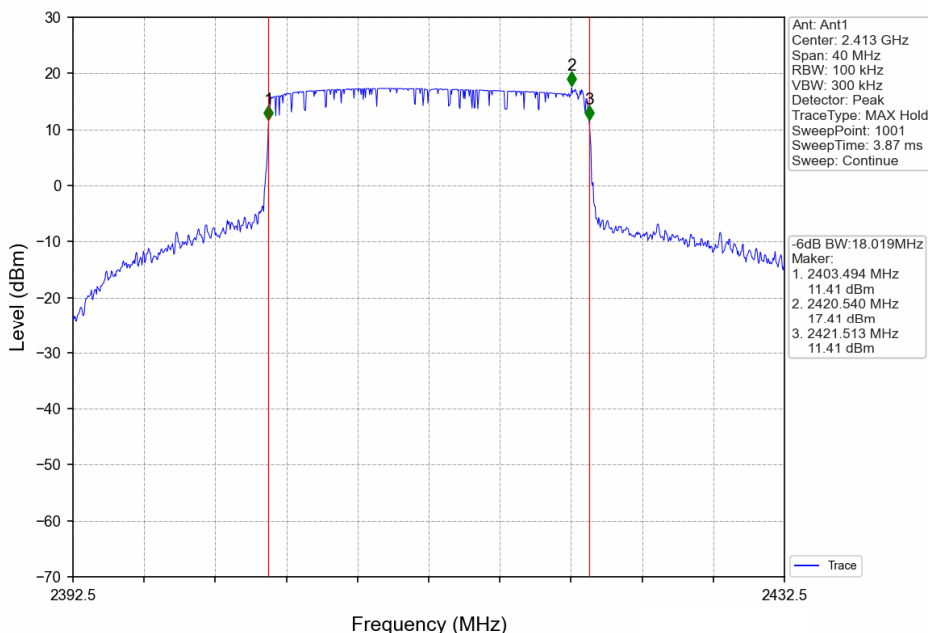
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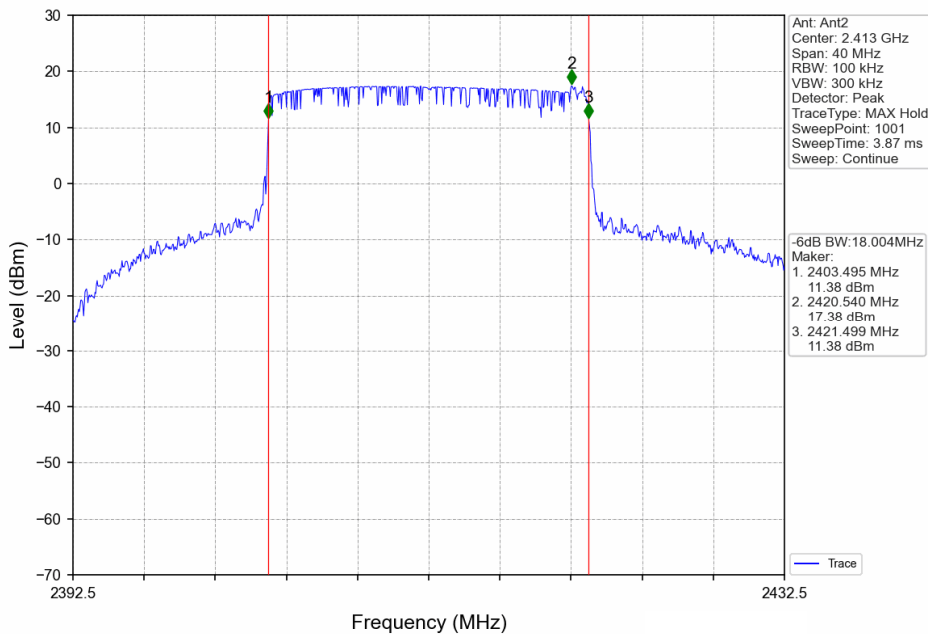
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20MHz BW\_LCH\_2412.5MHz\_Ant1\_NTNV



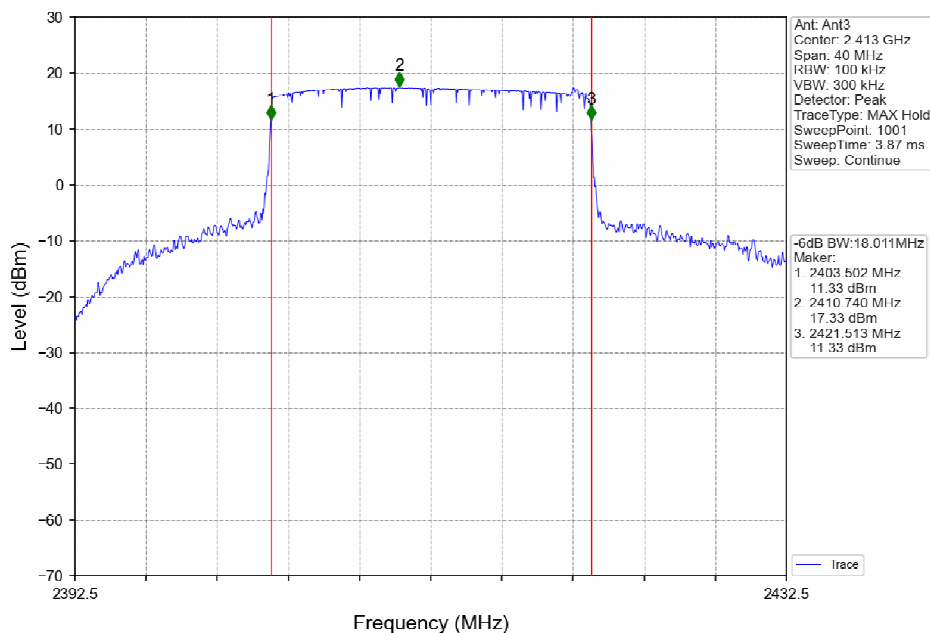
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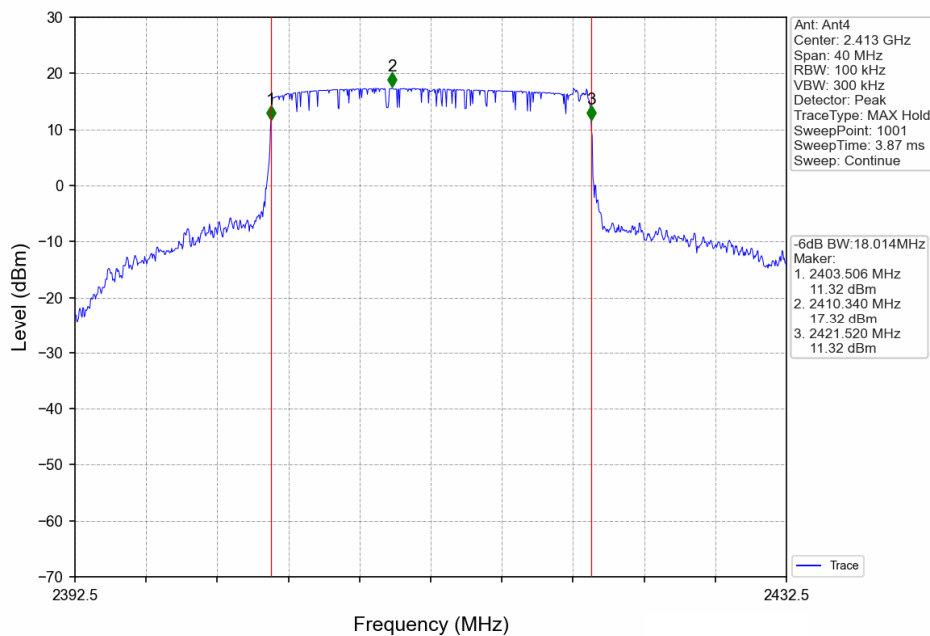
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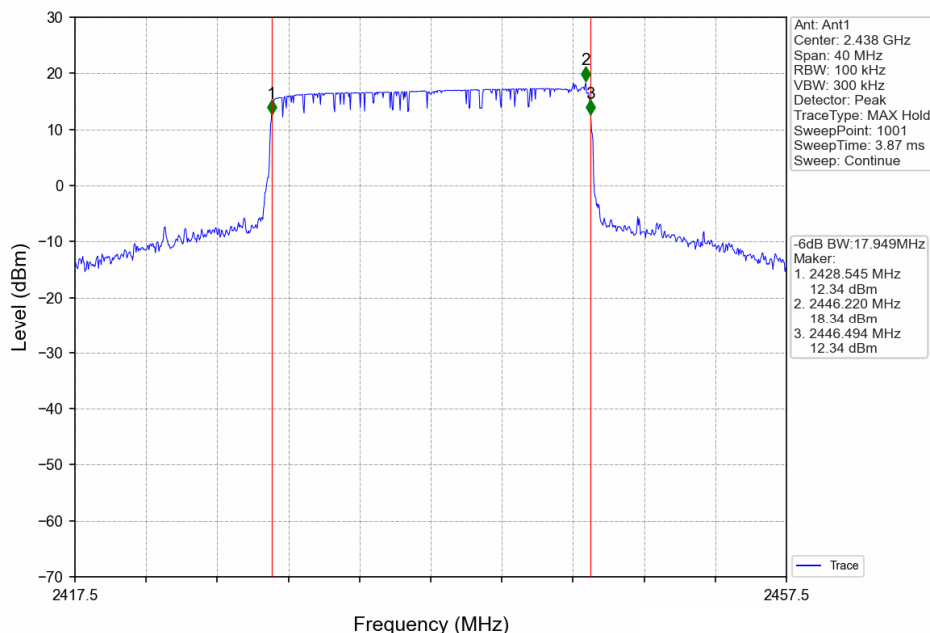
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20MHz BW\_LCH\_2412.5MHz\_Ant4\_NTNV



20MHz BW\_MCH\_2437.5MHz\_Ant1\_NTNV



20MHz BW\_MCH\_2437.5MHz\_Ant2\_NTNV

